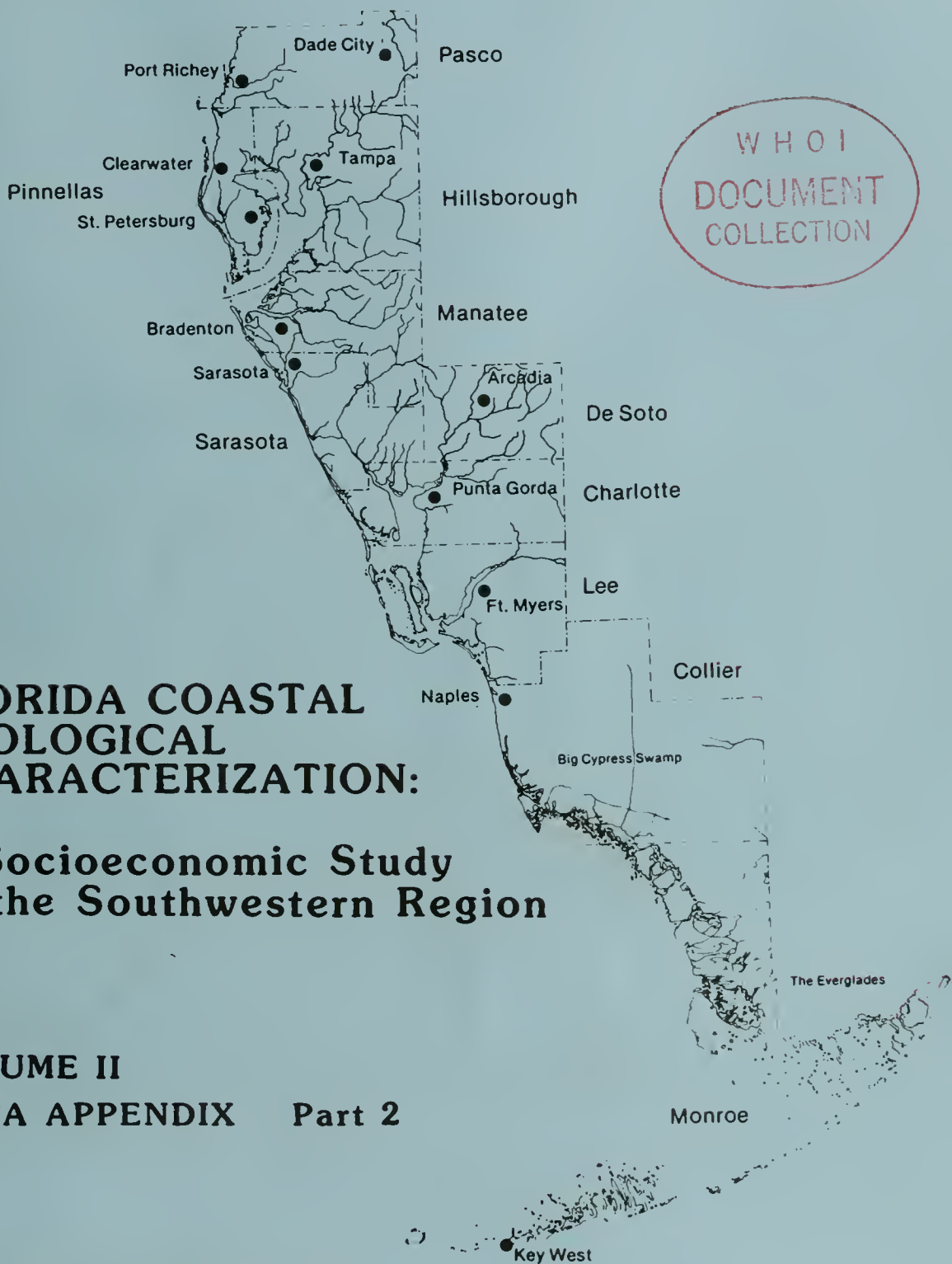


FWS/OBS-83/14  
August 1983



# FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION:

## A Socioeconomic Study of the Southwestern Region

### VOLUME II DATA APPENDIX Part 2

Fish and Wildlife Service

U.S. Department of the Interior

QH  
540  
.V56  
83/14  
v. 2  
pt. 2

Title: Fl

Author: Fr

Report: U. Au

out

2/10/84

WHOI  
DOCUMENT  
COLLECTION

DECC

MBL/WHOI



0 0301 0038283 4

FWS/OBS-83/14  
August 1983

FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A  
SOCIOECONOMIC STUDY OF THE SOUTHWESTERN REGION

VOLUME II  
DATA APPENDIX

Part 2

Edited by

Carolyn O. French, Project Officer

and

John W. Parsons  
National Coastal Ecosystems Team  
U.S. Fish and Wildlife Service  
1010 Gause Boulevard  
Slidell, LA 70458

Robert M. Rogers  
Contracting Officer's Authorized Representative  
Minerals Management Service  
P.O. Box 7944  
Metairie, LA 70010

This study was co-sponsored by the Minerals Management Service  
U.S. Department of the Interior

and the

Division of Biological Services  
Fish and Wildlife Service  
U.S. Department of the Interior  
Washington, DC 20240

## PREFACE

The purpose of this socioeconomic characterization study is to compile and synthesize information from existing sources about the social and economic characteristics of the southwestern coastal region of Florida, which is made up of Charlotte, Collier, DeSoto, Hillsborough, Lee, Manatee, Monroe, Pasco, Pinellas, and Sarasota Counties. This report and the data appendix should prove useful for coastal planning and management; it is one in a series of characterizations of coastal socioeconomic systems produced by the U.S. Fish and Wildlife Service. The series describes the components and interrelationships among complex processes that include population and demographic characteristics, mineral production, multiple-use conflicts, recreation and tourism, agricultural production, sport and commercial fishing, transportation, industrial and residential development, and environmental issues and regulations.

This study originally was under contract with the NANEX Systems Corporation, Crestview, Florida. The corporation is responsible for the compilations and accuracy of the Data Appendices and their lists of references. Most of the first drafts of the various chapters were prepared in 1980. Only a few of the sections of some of the reports have since been updated.

This project was conducted under Contract FWS 14-16-0009-074. Funding was provided by the Minerals Management Service and the Fish and Wildlife Service, U.S. Department of the Interior. Questions or requests for this publication should be directed to:

Information Transfer Specialist  
National Coastal Ecosystems Team  
U.S. Fish and Wildlife Service  
NASA-Slidell Computer Complex  
1010 Gause Boulevard  
Slidell, Louisiana 70458

This report should be cited:

French, Carolyn O., and John W. Parsons (editors). 1983. Florida coastal ecological characterization: a socioeconomic study of the southwestern region. U.S. Fish and Wildlife Service, Division of Biological Services, Washington, D.C. FWS/OBS-83/14.

## CONTENTS

	<u>Page</u>
PART 2	
PREFACE . . . . .	ii
CONTENTS . . . . .	iii
FIGURES . . . . .	iv
TABLES . . . . .	v
ABBREVIATIONS . . . . .	xiii
SYMBOLS . . . . .	xv
METRIC-ENGLISH CONVERSIONS . . . . .	xv
LAND USE PRACTICES AND MANAGEMENT (LU) . . . . .	1
PUBLIC UTILITIES (PU) . . . . .	85
TRANSPORTATION (TRANS) . . . . .	120
RECREATION AND TOURISM (R/T) . . . . .	245
PART 3	
MINERALS AND OIL AND PRODUCTION (MP) . . . . .	1
ENVIRONMENTAL ISSUES AND REGULATIONS (EIR) . . . . .	43
REFERENCES . . . . .	176

## FIGURES

Category and Number	Page
Land Use Practices and Management .....	1
Figure 1    Land forms of Florida .....	2
Figure 2    Florida land use in 1970 .....	3
Figure 3    Environmentally Endangered Lands .....	10
Figure 4    Selected land uses in Charlotte County .....	19
Figure 5    Selected land uses in Hillsborough County .....	26
Figure 6    Selected land uses in Lee County .....	29
Figure 7    Matrix of State agencies involved in Land Development Control .....	75
Figure 8    Natural vegetation of Florida .....	83
Public Utilities .....	85
Figure 9    Privately owned utilities .....	86
Figure 10   Publicly owned utilities .....	87
Figure 11   Rural electric cooperatives .....	88
Figure 12   Transmission interconnection network .....	115
Transportation .....	120
Figure 13   Ports and waterways in Florida .....	121
Figure 14   Passenger and freight railroads in Florida .....	122
Figure 15   Pipelines in Florida .....	233
Figure 16   Florida highways .....	237
Recreation and Tourism .....	245
Figure 17   Mean rainfall and temperature for Florida .....	246
Figure 18   National seashores, memorials, historic sites, marine sanctuaries, wilderness areas, forests, parks, wildlife refuges, and preserves .....	290
Figure 19   State preserves, forests and parks .....	295
Figure 20   State Wildlife Management Areas .....	296
Figure 21   State Aquatic Preserves .....	328

## TABLES

<u>Number</u>		<u>Page</u>
LU 1	U.S. Geological Survey land use and land cover classification system.....	4
LU 2	Land use in 1973 .....	5
LU 3	Description of key coastal zone biophysical elements .....	11
LU 4	Coastal zone biophysical inventory of Charlotte County in 1970 .....	20
LU 5	Coastal zone biophysical inventory of Collier County in 1970 .....	22
LU 6	Coastal zone biophysical inventory of DeSoto County in 1970 .....	24
LU 7	Coastal zone biophysical inventory of Hillsborough County in 1970 .....	27
LU 8	Coastal zone biophysical inventory of Lee County in 1970 .....	30
LU 9	Coastal zone biophysical inventory of Manatee County in 1970 .....	32
LU 10	Coastal zone biophysical inventory of Monroe County in 1970 .....	34
LU 11	Coastal zone biophysical inventory of Pasco County in 1970 .....	36
LU 12	Coastal zone biophysical inventory of Pinellas County in 1970 .....	38
LU 13	Coastal zone biophysical inventory of Sarasota County in 1970 .....	40
LU 14	Coastal zone population statistics in 1970 .....	42
LU 15	Coastal zone biophysical inventory of Charlotte County in 1976 .....	43
LU 16	Coastal zone biophysical inventory of Collier County in, 1976 .....	45
LU 17	Coastal zone biophysical inventory of DeSoto County in 1976 .....	47

<u>Number</u>		<u>Page</u>
LU 18	Coastal zone biophysical inventory of Hillsborough County in 1976 .....	49
LU 19	Coastal zone biophysical inventory of Lee County in 1976 .....	51
LU 20	Coastal zone biophysical inventory of Manatee County in 1976 .....	53
LU 21	Coastal zone biophysical inventory of Monroe County in 1976 .....	55
LU 22	Coastal zone biophysical inventory of Pasco County in 1976 .....	57
LU 23	Coastal zone biophysical inventory of Pinellas County in 1976 .....	59
LU 24	Coastal zone biophysical inventory of Sarasota County in 1976 .....	61
LU 25	Coastal zone population statistics in 1976 .....	63
LU 26	Non-urban land use by category in the Tampa Bay Region in 1976 .....	64
LU 27	Urban land use by category in the Tampa Bay Region in 1976 .....	65
LU 28	Land use acreage projections for Hillsborough County.....	67
LU 29	Land use acreage projections for Pasco County.....	69
LU 30	Land use acreage projections for Pinellas County.....	71
LU 31	Land use acreage projections for Manatee County.....	73
PU 1	Counties served by electrical utilities in 1979.....	89
PU 2	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1955.....	90
PU 3	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1960.....	93
PU 4	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1965.....	96

<u>Number</u>		<u>Page</u>
PU 5	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1970 .....	99
PU 6	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1975 .....	102
PU 7	Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1978 .....	105
PU 8	Sales by generating utilities to final consumers from 1955 to 1977 .....	108
PU 9	Sales by non-generating rural electric cooperatives to final consumers in 1975 and 1978 .....	112
PU 10	Initial year of operation for steam electric plants serving northwestern and southwestern Florida .....	113
PU 11	Initial year of operation for gas turbine electric plants serving the region in 1977 .....	114
PU 12	Major interconnections for bulk power transactions for the Florida subregion .....	116
PU 13	Major interconnections for bulk power transactions for the southern subregion .....	119
TRANS 1	Identification and classification of ports, including beginning dates of operation under jurisdiction of local port authorities .....	123
TRANS 2	Port tonnage in short tons for 1960, 1965, 1970, 1975, 1978 .....	124
TRANS 3	Florida port accessibility by mode of transportation in 1978 .....	124
TRANS 4	Sources of funding for major ports in 1978 .....	125
TRANS 5	Port of Tampa freight traffic (short tons) in 1960 .....	126
TRANS 6	Port of Tampa freight traffic (short tons) in 1965 .....	144

<u>Number</u>		<u>Page</u>
TRANS 7	Port of Tampa freight traffic (short tons) in 1970 .....	154
TRANS 8	Port of Tampa freight traffic (short tons) in 1975 .....	164
TRANS 9	Port of Tampa freight traffic (short tons) in 1978 .....	174
TRANS 10	Port of Charlotte freight traffic (short tons) in 1960 .....	184
TRANS 11	Port of Charlotte freight traffic (short tons) in 1965 .....	185
TRANS 12	Port of Charlotte freight traffic (short tons) in 1970 .....	186
TRANS 13	Port of Charlotte freight traffic (short tons) in 1975 .....	188
TRANS 14	Port of Charlotte freight traffic (short tons) in 1978 .....	189
TRANS 15	Port of St. Petersburg freight traffic (short tons) in 1960 .....	190
TRANS 16	Port of St. Petersburg freight traffic (short tons) in 1965 .....	191
TRANS 17	Port of St. Petersburg freight traffic (short tons) in 1970 .....	192
TRANS 18	Port of St. Petersburg freight traffic (short tons) in 1975 .....	193
TRANS 19	Port of St. Petersburg freight traffic (short tons) in 1978 .....	194
TRANS 20	Port of Manatee freight traffic (short tons) in 1960 .....	196
TRANS 21	Port of Manatee freight traffic (short tons) in 1965 .....	197
TRANS 22	Port of Manatee freight traffic (short tons) in 1970 .....	198
TRANS 23	Port of Manatee freight traffic (short tons) in 1975 .....	199
TRANS 24	Port of Manatee freight traffic (short tons) in 1978 .....	200
TRANS 25	Loading and unloading equipment availability at ports as of December 1978 .....	201
TRANS 26	Port of Manatee storage and capacity in 1978 .....	202
TRANS 27	Port of Tampa storage and capacity in 1978 .....	203
TRANS 28	Port of Charlotte storage and capacity in 1978 .....	204

<u>Number</u>		<u>Page</u>
TRANS 29	Port of St. Petersburg storage and capacity in 1978.....	204
TRANS 30	Road miles of track by class of railroad for 1973, 1974, 1975 and 1980.....	205
TRANS 31	Road miles of track by railroad line for 1973, 1974 and 1975.....	206
TRANS 32	Revenues and expenses for rail operations for 1973, 1974 and 1975.....	207
TRANS 33	Total road miles of track in 1980 for selected Florida railroads.....	209
TRANS 34	Total revenue freight (tons) carried by Class I railroads in Florida in 1971.....	210
TRANS 35	Total revenue freight (tons) carried by Class I railroads in Florida in 1972.....	212
TRANS 36	Total revenue freight (tons) carried by Class I railroads in Florida in 1973.....	214
TRANS 37	Total revenue freight (tons) carried by Class I railroads in Florida in 1974.....	216
TRANS 38	Total revenue freight (tons) carried by Class I railroads in Florida in 1975.....	218
TRANS 39	Total revenue freight (tons) carried by Class I railroads in Florida in 1976.....	220
TRANS 40	Location and identification of commercial and general aviation airports in 1979.....	222
TRANS 41	Number of airports by type in 1980.....	223
TRANS 42	Commercial airport passenger, cargo and mail in 1960, 1965, 1970, 1975, 1978 and 1979.....	224
TRANS 43	Total air carrier operations, first and second level for Florida commercial airports for 1970, 1975 and 1980 ....	226
TRANS 44	Commercial airport facility characteristics in 1980.....	227
TRANS 45	Commercial airport-based aircraft history and projections for 1970, 1973, 1980, 1985 and 1990.....	228
TRANS 46	Commercial airport annual aircraft movements, history and projections for 1970, 1973, 1980, 1985 and 1990.....	228

<u>Number</u>		<u>Page</u>
TRANS 47	Commercial airports, air carrier enplanements, history and projections for 1970, 1973, 1980, 1985 and 1990.....	229
TRANS 48	Florida road mileage in 1971.....	230
TRANS 49	Florida road mileage in 1975.....	231
TRANS 50	Florida road mileage in 1979.....	232
TRANS 51	Total number of motor vehicle license tags sold for 1955, 1960, 1965, 1970-71, 1975-76 and 1979-80.....	234
TRANS 52	Florida pipeline volumes in tons per day and annually by Department of Transportation District for 1970, 1972, 1973 and 1974-75.....	235
TRANS 53	Florida pipeline mileage in 1975.....	236
TRANS 54	Roadway characteristics and volume range of average daily traffic in 1965 and 1977.....	238
TRANS 55	Interstate natural gas pipeline statistics in 1972-79.....	241
TRANS 56	Miles of gas transmission pipe by diameter (inches) in 1979.....	243
TRANS 57	Average daily traffic at Department of Transportation permanent traffic recording stations.....	244
R/T 1	Average temperatures (°F) in 1955.....	247
R/T 2	Average temperatures (°F) in 1960.....	248
R/T 3	Average temperatures (°F) in 1965.....	249
R/T 4	Average temperatures (°F) in 1970.....	250
R/T 5	Average temperatures (°F) in 1975.....	251
R/T 6	Average temperatures (°F) in 1980.....	252
R/T 7	Climate and geography in 1980.....	253
R/T 8	Demand, supply and need, history and projections for selected outdoor recreation activities in Charlotte County for 1980, 1985 and 1990.....	254
R/T 9	Demand, supply and need, history and projections for selected outdoor recreation activities in Collier County for 1980, 1985 and 1990.....	258

<u>Number</u>		<u>Page</u>
R/T 10	Demand, supply and need, history and projections for selected outdoor recreation activities in Hillsborough County for 1980, 1985 and 1990 .....	262
R/T 11	Demand, supply and need, history and projections for selected outdoor recreation activities in Lee County for 1980, 1985 and 1990 .....	266
R/T 12	Demand, supply and need, history and projections for selected outdoor recreation activities in Manatee County for 1980, 1985 and 1990 .....	270
R/T 13	Demand, supply and need, history and projections for selected outdoor recreation activities in Monroe County for 1980, 1985 and 1990 .....	274
R/T 14	Demand, supply and need, history and projections for selected outdoor recreation activities in Pasco County for 1980, 1985 and 1990 .....	278
R/T 15	Demand, supply and need, history and projections for selected outdoor recreation activities in Pinellas County for 1980, 1985 and 1990 .....	282
R/T 16	Demand, supply and need, history and projections for selected outdoor recreation activities in Sarasota County for 1980, 1985 and 1990 .....	286
R/T 17	Federal public recreation and park facility inventory in 1980 .....	291
R/T 18	State public recreation and park facility inventory in 1980 .....	297
R/T 19	County public recreation and park facility inventory in 1980 .....	303
R/T 20	Municipal public recreation and park facility inventory in 1980 .....	309
R/T 21	Private recreation and park facility inventory in 1980 .....	315
R/T 22	Air and auto tourists to Florida for 1976, 1979 and 1980 ..	321
R/T 23	Number of visitors, visitor characteristics and visitor expenditures in 1976 .....	322

<u>Number</u>		<u>Page</u>
R/T 24	Number of visitors, visitor characteristics and visitor expenditures in 1979 .....	324
R/T 25	Number of visitors, visitor characteristics and visitor expenditures in 1980 .....	326
R/T 26	Number of assigned archaeological and historical sites in southwestern Florida as of 4 November 1980 .....	329
R/T 27	Sites in southwestern Florida listed on the National Register .....	330
R/T 28	Recreational properties under the jurisdiction of the Florida Department of Natural Resources 1980 .....	333
R/T 29	Visitor utilization of recreational properties under the jurisdiction of the Florida Department of Natural Resources for fiscal years 1965-66, 1970-71, 1974-75 and 1979-80 .....	337
R/T 30	Florida boat registrations by type of vessel for FY 1965-66 .....	341
R/T 31	Florida boat registrations by type of vessel for FY 1970-71 .....	342
R/T 32	Florida boat registrations by type of vessel for FY 1975-76 .....	343
R/T 33	Florida boat registrations by type of vessel for FY 1978-79 .....	344
R/T 34	Leading metropolitan markets for outboard motors in 1978 and 1979 .....	345
R/T 35	Hunting and fishing licenses sold by series in FY 1954-55 ..	347
R/T 36	Hunting and fishing licenses sold by series in FY 1959-60 ..	349
R/T 37	Hunting and fishing licenses sold by series in FY 1964-65 ..	351
R/T 38	Hunting and fishing licenses sold by series in FY 1969-70 ..	353
R/T 39	Hunting and fishing licenses sold by series in FY 1974-75 ..	355
R/T 40	Hunting and fishing licenses sold by series in FY 1979-80 ..	357

## ABBREVIATIONS

A/C	Air conditioning
A F B	Air Force Base
AFDC	Aid to families with dependent children
AGR	Agriculture
Ave .	Avenue
bbl	Barrel, barrels
Btu	British thermal unit
BOD	Biochemical oxygen demand
Co	Company
Corp	Corporation
Ct .	Court
cwt	Hundredweight
D	Data withheld to avoid disclosure of individual establishments
dB	Decibel
Dr	Drive
DRI	Development of regional impact
d u .	Dwelling units
E	Endangered
E .	East
EIR	Environmental Issues and Regulations
EMP	Employment
ENE .	East northeast
EPA	Environmental Protection Agency
est	Estimate
FCOLI	Fecal coliform
ft	Foot, feet
ft <sup>2</sup>	Square foot, square feet
ft <sup>3</sup>	Cubic foot, cubic feet
FSH	Fish
FY	Fiscal year
gal	Gallon, gallons
GFWFC	Game and Fresh Water Fish Commission
GW	Ground water
ha	Hectare, hectares
H H .	Head of household
Hwy .	Highway
Inc .	Incorporated
Jct	Junction
km	Kilometer
kwh	Kilowatthour
kV	Kilovolt
lb	Pound, pounds
lf	Landfill
lin ft	Linear foot, linear feet
LPG	Liquid petroleum gas
LU	Land use
Ltd .	Limited
m/day	Meters per day
Mcf	Million cubic feet

Mgal/d	Million gallons per day
mg/l	Milligrams per liter
MHP	Mobile home park
mi	Mile, miles
mi <sup>2</sup>	Square mile, square miles
misc.	Miscellaneous
mm	Millimeter
MP	Minerals Production
MW	Monitoring wells, megawatts
MWh	Megawatthours
N.	North
N.A.	Not applicable
N.D.	No data
NE.	Northeast
NNW.	North northwest
NRP	No reported production
NTSB	National Transportation Safety Board
NW.	Northwest
oz	Ounce
POP	Population
ppm	Parts per million
PU	Public utilities
Rd.	Road
RR.	Railroad
Rt.	Route
R/T	Recreation and Tourism
RV	Recreational vehicle
S.	South
SCi	Special category item
SD	Subdivision
SE.	Southeast
SER	Services (health)
SIC	Standard Industrial Code
slf	Sanitary landfill
SR	State road
SSC	Species of special concern
St.	Street
STP	Sewage treatment plant
SW.	Southwest
SW	Surface water
T	Threatened
tbb1	Thousand barrels
TCOLI	Total coliform
TP	Trailer park
TRANS	Transportation
TSS	Total suspended solids
ug/m <sup>2</sup>	Micrograms per square meter
UR	Under review
W.	West
WLA	Waste load allocation
yd	Yard, yards
yd <sup>3</sup>	Cubic yards
yd <sup>3</sup> /d	Cubic yards per day

## SYMBOLS

\$	Dollar, dollars
%	Percent
"	Inch, inches
#	Number
&	And

## METRIC-ENGLISH EQUIVALENTS

### Distance

1 cm = 0.39 in  
1 m = 39.38 in  
1 km = 0.62 mi

1 in = 2.54 cm  
1 ft = 0.30 m  
1 yd = 0.91 m  
1 mi = 1.61 km

### Area

1 m<sup>2</sup> = 1.2 yd<sup>2</sup>  
1 km<sup>2</sup> = 0.39 mi<sup>2</sup>  
1 ha = 2.5 acres

1 ft<sup>2</sup> = 0.09 m<sup>2</sup>  
1 yd<sup>2</sup> = 0.83 m<sup>2</sup>  
1 acre = 0.40 ha  
1 mi<sup>2</sup> = 2.59 km<sup>2</sup>

### Weight

1 g = 0.035 oz  
1 kg = 2.20 lb  
1 mt (1000 kg) = 1.1 t (2,204.6 lb)

1 oz = 28.35 g  
1 lb = 453.60 g  
1 lb = 0.45 kg  
1 t = 0.91 mt

### Volume

1 ml = 0.03 fl oz  
1 liter = 2.1 pt  
1 liter = 1.06 qt  
1 bbl = 42 gal  
1 m<sup>3</sup> = 35 ft<sup>3</sup>  
1 m<sup>3</sup> = 1.3 yd<sup>3</sup>

1 fl oz = 29.57 ml  
1 pt = 0.47 liter  
1 qt = 0.95 liter  
1 gal = 3.79 liter  
1 ft<sup>3</sup> = 0.03 m<sup>3</sup>  
1 yd<sup>3</sup> = 0.76 m<sup>3</sup>

### Temperature

C<sup>0</sup> = 5/9 (F<sup>0</sup>-32)

F<sup>0</sup> = 9/5C<sup>0</sup> + 32



## LAND USE PRACTICES AND MANAGEMENT (LU)

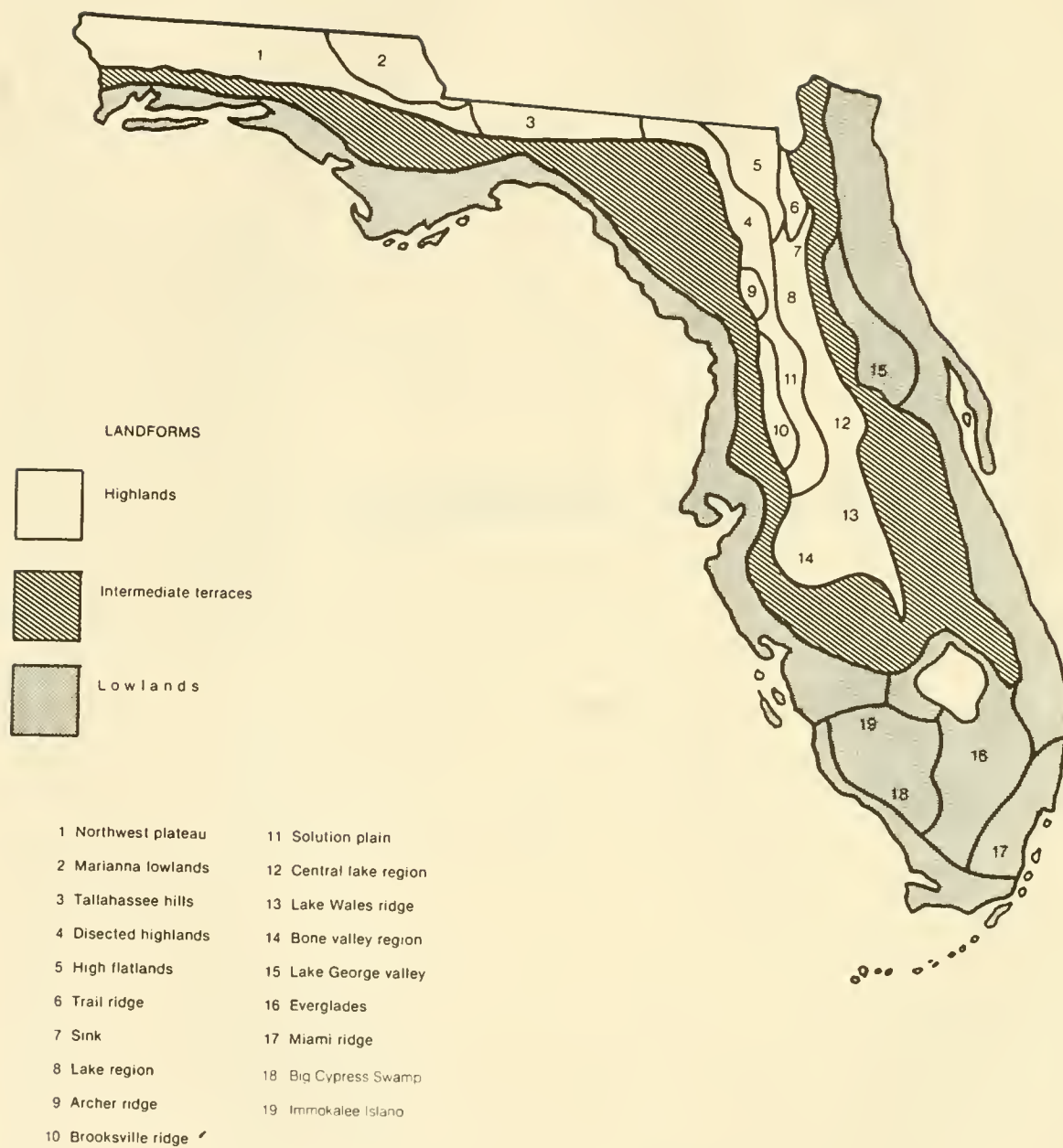


Figure 1. Landforms of Florida (Wood and Fernald 1974).

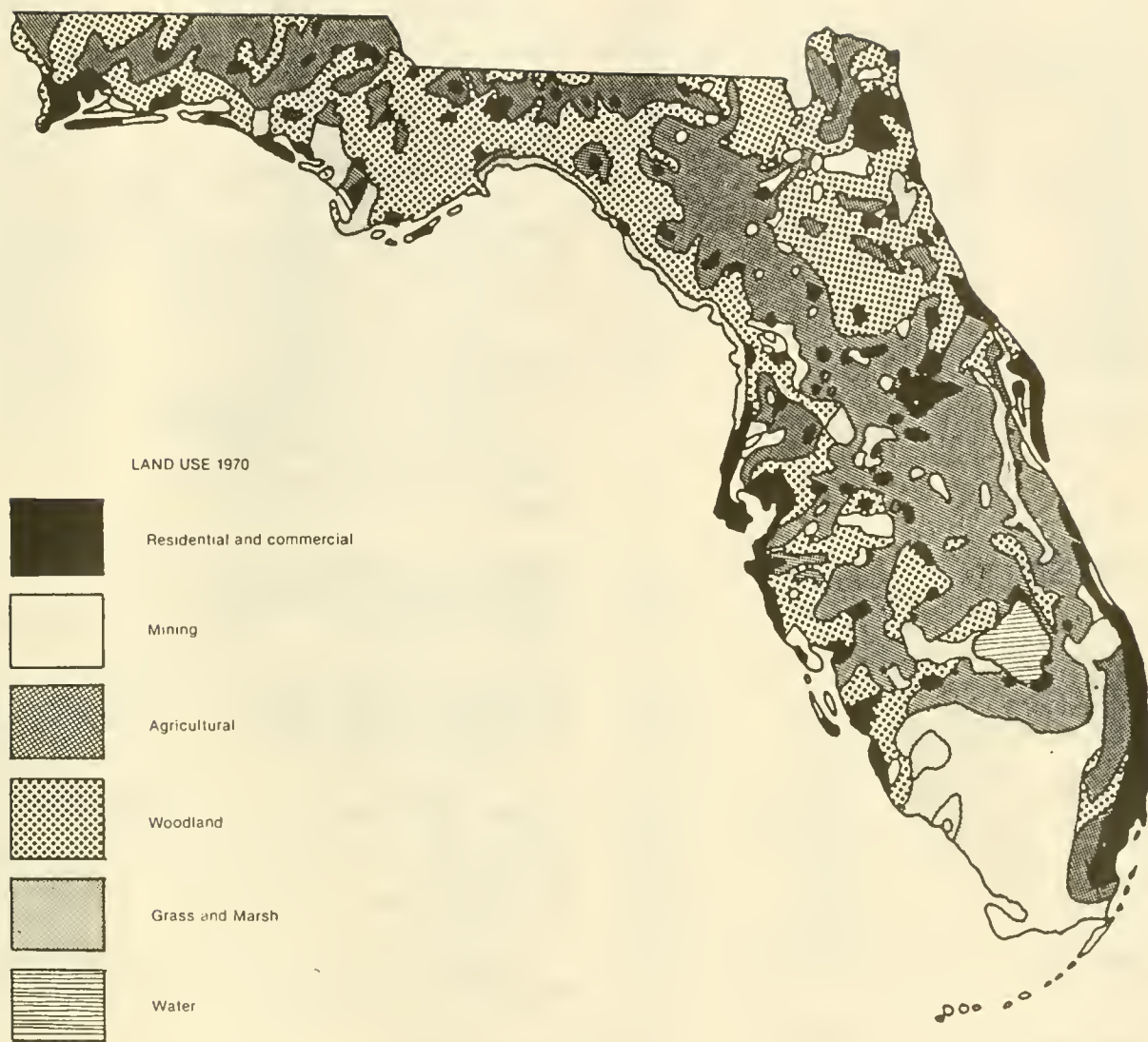


Figure 2. Florida land use in 1970 (Wood and Fernald 1974).

Table LU 1. U.S. Geological Survey land use and land cover classification system<sup>a</sup> (Florida Department of Environmental Regulation 1980c).

Level I		Level II	
1	Urban or built-up land	11	Residential
		12	Commercial and services
		13	Industrial
		14	Transportation, communications and utilities
		15	Industrial and commercial employees
		16	Mixed urban or built-up land
		17	Other urban or built-up land
2	Agricultural land	21	Cropland and pasture
		22	Orchards, groves, vineyards, nurseries, and ornamental horticultural areas
		23	Confined feeding operations
		24	Other agricultural land
3	Rangeland	31	Herbaceous rangeland
		32	Shrub-brushland rangeland
		33	Mixed rangeland
4	Forest land	41	Deciduous forest land
		42	Evergreen forest land
		43	Mixed forest land
5	Water	51	Streams and canals
		52	Lakes
		53	Reservoirs
		54	Bays and estuaries
6	Wetland	61	Forested wetland
		62	Nonforested wetland
7	Barren land	71	Dry salt flats
		72	Beaches
		73	Sandy areas other than beaches
		74	Bare exposed rock
		75	Strip mines, quarries and gravel pits
		76	Transitional areas
		77	Mixed barren land

<sup>a</sup> To be used in conjunction with Table LU 2.

Table LU 2. Land use (hectares) in 1973 (Florida Department of Environmental Regulation 1980c).

County	Urban		LU11	LU12	LU13	LU14
	Hectares	% of county				
Charlotte	8,146	3.9	6,648	555	28	320
Collier	8,769	1.6	5,548	784	116	834
DeSoto	2,876	1.7	1,375	807	21	248
Hillsborough	56,934	17.5	37,450	5,805	2,338	4,645
Lee	17,776	6.7	13,258	1,638	340	474
Manatee	11,415	5.2	8,586	1,181	221	441
Monroe	9,513	4.8	5,901	1,317	175	884
Pasco	20,340	10.1	17,560	890	106	1,094
Pinellas	45,074	38.8	34,425	5,715	286	1,494
Sarasota	18,833	12.0	14,920	1,667	172	362
Region	199,676	N.D.	145,671	20,359	3,803	10,796

County	LU15	LU16	LU17
Charlotte	0	62	533
Collier	0	142	1,345
DeSoto	0	379	46
Hillsborough	1,099	587	2,528
Lee	15	403	1,648
Manatee	70	0	916
Monroe	0	854	382
Pasco	0	0	431
Pinellas	0	230	2,924
Sarasota	0	0	1,712
Region	1,184	2,657	12,465

Continued

Table LU 2. Continued.

County	Agricultural		LU21	LU22	LU23	LU24
	Hectares	% of county				
Charlotte	24,569	11.9	21,554	3,009	0	6
Collier	42,430	7.8	39,807	2,619	0	4
DeSoto	87,653	53.1	64,957	22,696	0	0
Hillsborough	119,320	36.7	88,938	27,811	509	1,315
Lee	36,048	13.6	30,727	5,290	8	23
Manatee	77,989	35.7	63,849	8,711	71	158
Monroe	0	0	0	0	0	0
Pasco	84,172	41.7	60,787	22,416	631	86
Pinellas	8,442	7.3	4,937	3,458	0	47
Sarasota	32,289	20.6	31,483	806	0	0
Region	512,912	N.D.	407,039	96,816	1,219	1,639

County	Rangeland		LU31	LU32	LU33
	Hectares	% of county			
Charlotte	85,592	41.5	65,048	197	20,347
Collier	85,380	15.7	36,037	417	48,926
DeSoto	51,622	31.3	51,622	0	0
Hillsborough	39,301	12.1	38,969	214	0
Lee	58,325	22.1	33,015	634	24,666
Manatee	76,347	35.0	70,995	613	0
Monroe	80	0	0	27	53
Pasco	31,405	15.6	31,405	0	0
Pinellas	6,357	5.5	6,357	0	0
Sarasota	65,001	41.4	64,781	220	0
Region	499,410	N.D.	398,229	2,322	93,992

Continued

Table LU 2. Continued.

County	Forest		LU41	LU42	LU43
	Hectares	% of county			
Charlotte	8,425	4.1	0	8,295	130
Collier	66,732	12.2	2,165	53,852	10,715
DeSoto	1,881	1.1	0	1,881	0
Hillsborough	18,926	5.8	0	18,852	74
Lee	16,543	6.3	0	16,543	0
Manatee	8,513	3.9	0	8,397	15
Monroe	11,519	5.8	0	11,519	0
Pasco	14,758	7.3	0	14,758	0
Pinellas	3,980	3.4	0	3,980	0
Sarasota	13,017	8.3	0	12,951	66
Region	164,294	N.D.	2,165	151,028	11,000

County	Water		LU51	LU52	LU53	LU54
	Hectares	% of county				
Charlotte	29,405	14.2	1,061	248	200	27,896
Collier	19,212	3.5	1,548	1,010	340	16,314
DeSoto	885	.5	0	848	37	0
Hillsborough	53,019	16.3	868	3,143	840	47,878
Lee	56,770	21.5	1,483	292	324	54,671
Manatee	24,186	11.1	3,043	830	659	19,645
Monroe	50,883	25.7	2,578	465	111	47,729
Pasco	6,383	3.2	91	3,445	137	2,629
Pinellas	42,937	36.9	559	1,673	621	40,084
Sarasota	7,741	4.9	263	873	31	6,574
Region	291,421	N.D.	11,494	12,827	3,300	263,420

Continued

Table LU 2. Continued.

County	Wetland		LU61	LU62
	Hectares	% of county		
Charlotte	33,508	16.2	16,405	17,103
Collier	273,898	50.2	211,428	62,470
DeSoto	19,658	11.9	13,285	6,373
Hillsborough	30,438	9.4	28,102	2,310
Lee	47,896	18.1	38,998	8,898
Manatee	18,833	8.6	14,191	4,384
Monroe	125,252	63.2	49,403	75,849
Pasco	37,463	18.6	31,438	6,025
Pinellas	6,628	5.7	5,740	888
Sarasota	11,795	7.5	7,681	4,114
Region	605,369	N.D.	416,671	188,414

County	Barren land		LU71	LU72	LU73	LU74
	Hectares	% of county				
Charlotte	16,742	8.1	0	584	665	0
Collier	48,883	9.0	0	79	0	0
DeSoto	428	.3	0	0	99	0
Hillsborough	7,479	2.3	0	112	145	0
Lee	30,901	11.7	0	928	0	0
Manatee	996	.5	0	246	63	0
Monroe	843	.4	0	72	0	0
Pasco	7,373	3.7	0	737	0	0
Pinellas	2,840	2.4	0	605	0	0
Sarasota	8,379	5.3	0	458	71	0
Region	124,864	N.D.	0	3,821	1,043	0

Continued

Table LU 2 . Concluded .

County	LU75	LU76	LU77
Charlotte	53	15,440	0
Collier	384	48,420	0
DeSoto	23	306	0
Hillsborough	53	1,143	0
Lee	436	29,537	0
Manatee	108	579	0
Monroe	31	740	0
Pasco	258	6,378	0
Pinellas	229	2,006	0
Sarasota	196	7,654	0
Region	1,771	112,203	0

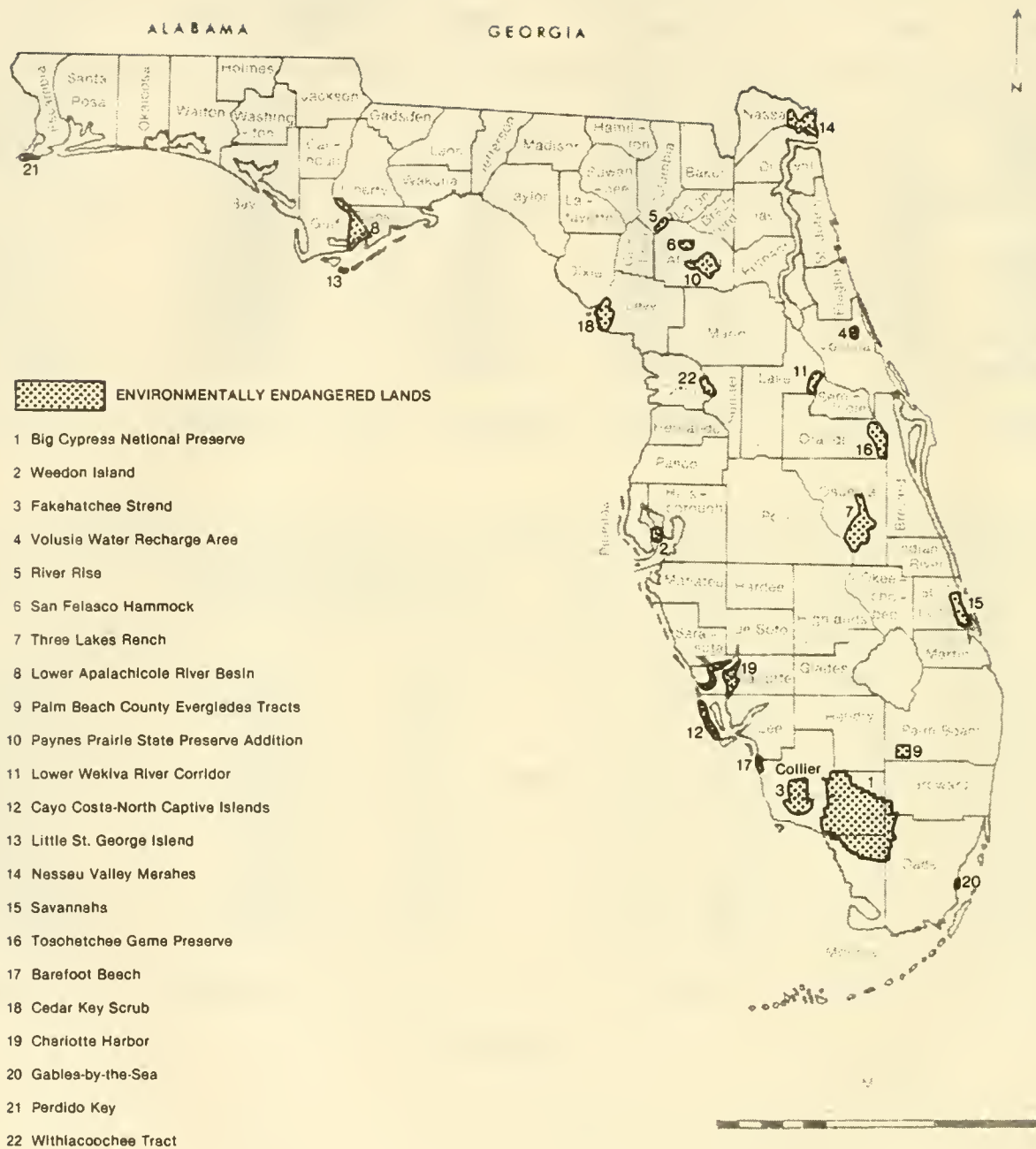


Figure 3. Environmentally endangered lands (Florida Power and Light Co. 1979).

Table LU 3. Description of key coastal zone biophysical elements<sup>a</sup> (Florida Department of Natural Resources, Division of Resource Management 1975b,c).

Category:	Preservation
Description:	Those portions of the coastal zone identified as having major ecological, hydrological, physiographic, historical, or socio-economic importance to the public at large. Generally, these are the most stringently regulated portions of the coastal zone.
Subcategory:	Class I waters.
Description:	Surface fresh water used as a source of public water supplies. Definitive criteria for Class I waters are given in Chapter (ch.) 17-3 Florida Administrative Code.
Subcategory:	Class II waters.
Description:	Coastal waters which have either actually or potentially the capability of supporting shellfish propagation and harvesting. Class II waters are the most stringent water classification. Definitive criteria for Class II waters are given in ch. 17-3, Florida Administrative Code.
Subcategory:	Marine grass beds.
Description:	Submerged grassy areas essential to the propagation and nourishment of fisheries. Generally limited in depth to 6 to 10 ft but could be deeper in clearer water.
Subcategory:	Selected coastal marshes.
Description:	For coastal areas covered by grassy, salt-tolerant vegetation subject to tidal ebbs and flow. Includes the "high marsh" above the main water line. These areas are vital to Florida's valuable marine fisheries. Marshes also perform important water quality, storm buffering and shore stabilization functions.

Continued

Table LU 3 . Continued .

Subcategory:	Selected coastal mangroves .
Description:	Shore-fringing strands of red, black and/or white mangroves having major significance regarding maintenance of biological productivity, stabilization of shorelines or aesthetics . Includes the "high" mangroves above the mean high water line .
Subcategory:	Selected freshwater marshes and selected freshwater swamps .
Description:	Low, poorly drained water-tolerant vegetation . Included are swamps and marshes adjoining rivers as well as those having predominantly internal drainage .
Subcategory:	Gulf and Atlantic beaches and dunes .
Description:	Ocean-fronting beaches along the Gulf and Atlantic shorelines . The beach zone extends inland beyond the Mean High Water Line (MHW) to the coastal construction setback line and may extend inland one or more dunes .
Subcategory:	Selected estuarine beaches .
Description:	Selected estuarine beaches suitable for shore recreation with appropriate public access .
Subcategory:	Historical and archaeological sites .
Description:	Areas of outstanding historical or archaeological significance designated by either the Federal Government or the Florida Department of State, Division of Archives and History .

Continued

Table LU 3. Continued.

Subcategory: Other unique environmental features.	
Description:	Usual and natural features occupying a comparatively small geographic area, characteristic of a coastal region. Examples would be selected reefs, waterfalls, caves or caverns, sink-holes, springs, streams included in the "special stream classification" and bluffs.
Subcategory: Wilderness areas.	
Description:	Areas designated by the cabinet to be preserved in their natural state. Wilderness areas are characterized as being of one or more of the following principal types: <ol style="list-style-type: none"> <li>1. Biological</li> <li>2. Aesthetic</li> <li>3. Scientific</li> </ol>
Category: Conservation.	
Description:	Those lands and waters of the coastal zone identified as having certain natural or institutional use limitations which require special precautions prior to conversion and development.
Subcategory: Class III waters.	
Description:	All coastal and inland waters not otherwise classified. Includes bays, rivers, lakes, estuaries and open waters of the territorial sea.

Continued

Table LU 3. Continued.

Subcategory: Aquaculture leases.	
Description:	Leases granted for exclusive use of submerged bottom areas and the overlying water column for the purpose of cultivating animal and/or plant life. Traditional oyster leases are not included in this category.
Subcategory: Spoil islands.	
Description:	Artificial islands created with material dredged from state-owned lands to create or deepen channels in passes, bays, lagoon, bayous, etc. Many such islands exist along the Intracoastal Waterway.
Subcategory: Scenic vistas.	
Description:	Peripheral parcels of land and/or water having exceptional scenic or aesthetic values including rivers and highways. Such areas may include bluffs, hills, or other vantage points that afford a unique scenic perspective.
Subcategory: Forestry and game management areas.	
Description:	State and national forests and/or state game management areas.

Continued

Table LU 3 . Continued .

Subcategory:	Wildlife refuges .
Description:	Areas specifically set aside for the protection of wildlife . Such areas may be subject to multiple-use management as in the case of state parks, all of which are game refuges .
Subcategory:	Parks and recreation areas .
Description:	Areas and facilities devoted to recreational activities of various types . May include historical or archaeological sites, game refuges, or unique environmental features .
Subcategory:	Hurricane flood zone .
Description:	Lands between the shoreline and the 100-year flood line . These areas are subject to flooding during hurricane conditions .
Subcategory:	River flood plains .
Description:	Lands lying along drainage corridors (rivers and streams) that are subject to flooding on a regular basis . These areas may include swamp or marsh areas and generally contain mixed alluvial, poorly drained soils .
Subcategory:	Marginal lands .
Description:	Lands which due to soil characteristics, drainage problems, or other physical restrictions require special treatment in order to be made suitable for urban development .

Continued

Table LU 3. Continued.

Category:	Development
Description:	Those portions of the coastal zone (1) already developed or officially committed to a development activity (2) undeveloped and intrinsically suited for intensive development, (3) undeveloped and having minor physical limitations which can be easily corrected, or (4) classified as prime agricultural areas.
Subcategory:	Class IV waters.
Description:	Surface waters designated by the Department of Environmental Regulations for use as agricultural or in industrial water supply. Definitive criteria for Class IV waters are given in the Florida Administrative Code ch. 17-3 pollution of waters.
Subcategory:	Class V waters.
Description:	Surface waters designated by the Department of Environmental Regulations for navigation, utility and industrial use. Water quality standards for Class V waters are the lowest of any applied to surface waters in Florida. Definitive criteria for Class V waters are given in the Florida Administrative Code ch. 17-3 pollution of waters.
Subcategory:	Presently developed lands, non-conflict.
Description:	Lands already developed in a manner compatible with the natural environment of the area.
Subcategory:	Presently developed lands-conflict.
Description:	Lands presently developed that under biophysical analysis criteria would have been classified "preservation" or "conservation" in their natural state. Inherent physical or ecological restrictions may or may not have been adequately compensated for.

Continued

Table LU 3. Continued.

Subcategory:	Undeveloped lands suitable for intensive development.
Description:	Lands which, if they are required for development, need little or no modification prior to such development. These areas have elevations, soils, topography and other physical conditions favorable for development (with the addition of proper sanitary facilities).
Subcategory:	Undeveloped lands suitable for intensive development with corrections.
Description:	Lands having some physical limitations but suitable for development. With certain modifications such as improvement of drainage or installation of sewage collection systems. Such corrections would overcome seasonally high water tables or soils unsuitable for septic tanks.
Subcategory:	Undeveloped lands suitable for development if protected from flooding.
Description:	Lands which are located within hurricane or river flood zones that would have been classified as "undeveloped lands suitable for intensive development" if they were not located within the hurricane or river flood zones.
Subcategory:	Prime agricultural lands.
Description:	Undeveloped lands with soils having an overall high rating in The Florida General Soils Atlas <sup>a</sup> for citrus or for both truck crops and pasture. Soils in these areas are not suitable in general for development in their natural condition. These areas may or may not be located in hurricane or river flood zones.

Continued

Table LU 3. Concluded.

---

Subcategory:	Undeveloped lands suitable for intensive development with corrections.
Description:	Lands having some physical limitations but suitable for development. With certain modifications such as improvement of drainage or installation of sewage collection systems. Such corrections would overcome seasonally high water tables or soils unsuitable for septic tanks.

---

<sup>a</sup> This table to be used in conjunction with Tables LU 4. through LU 10. and LU 12 through LU 18.

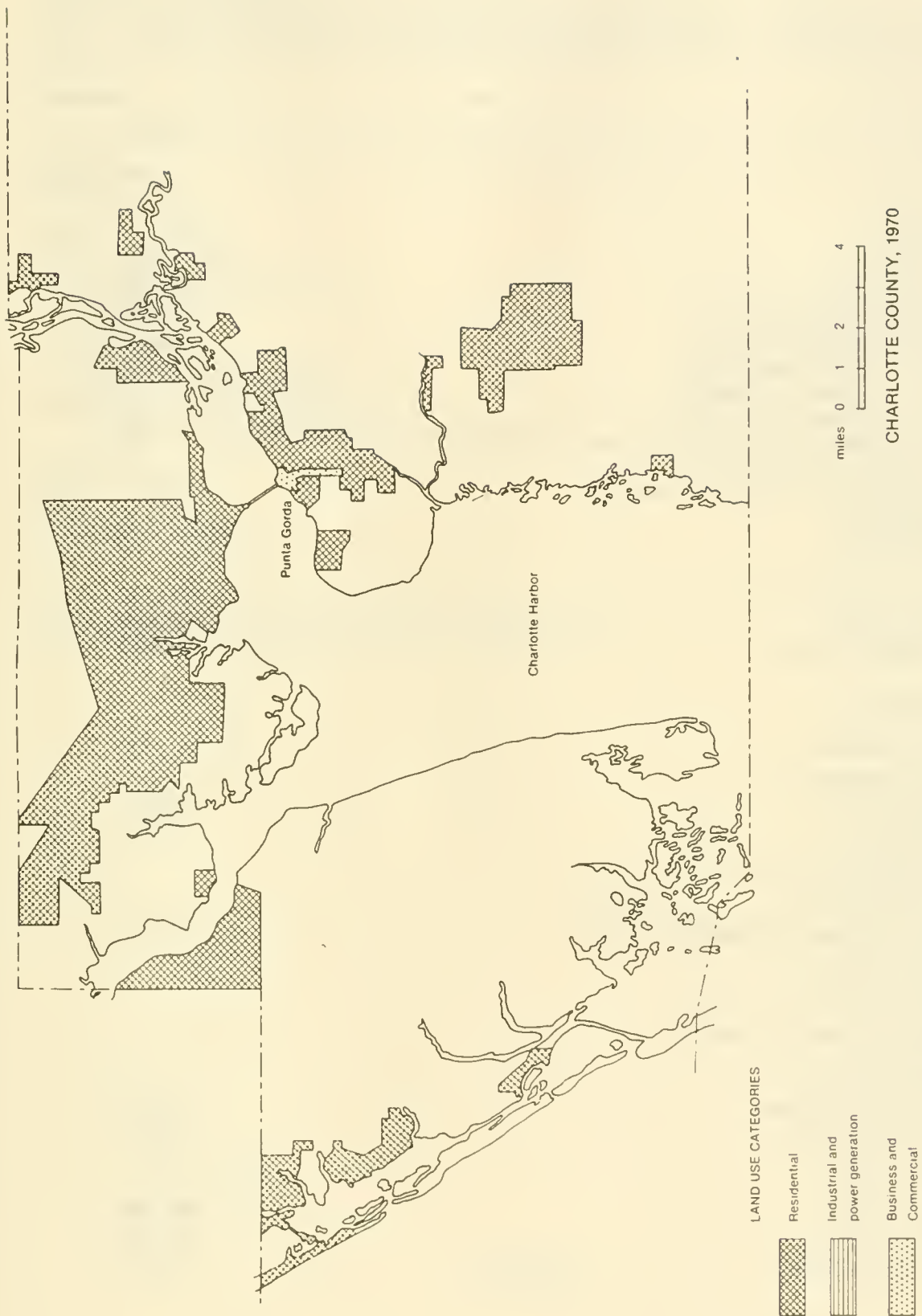


Figure 4. Selected land uses in Charlotte County (Florida Coastal Coordinating Council 1970).

Table LU 4. Coastal zone biophysical inventory<sup>a</sup> of Charlotte County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	510
Class II waters	71,100
Marine grass beds	14,270
Selected coastal marshes	4,420
Selected coastal mangroves	13,060
Selected freshwater swamps	0
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	260
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	17,730
Subtotal water	858,890
Total preservation	103,620
<u>Conservation</u>	
Class III waters	86,530
Aquatic preserve:	
Land area	3,520
Water area	9,470
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	1,150
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	190
Water area	0
Hurricane flood zone	122,940
River flood plains	1,920
Marginal lands	47,620
Subtotal land	177,340
Subtotal water	96,000
Total conservation	273,340

Continued

Table LU 4. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	4,860
Conflict	47,940
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	14,270
Subtotal land	67,070
Subtotal water	0
Total development	67,070

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 5. Coastal Zone biophysical inventory<sup>a</sup> of Collier County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	48,060
Marine grass beds	2,620
Selected coastal marshes	27,840
Selected coastal mangroves	71,940
Selected freshwater swamps	2,880
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	640
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	103,300
Subtotal water	50,690
Total preservation	153,980
<u>Conservation</u>	
Class III waters	326,910
Aquatic preserve:	
Land area	19,260
Water area	28,990
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	3,330
Water area	6,780
Parks and recreation areas:	
Land area	39,100
Water area	0
Hurricane flood zone	245,380
River flood plains	0
Marginal lands	0
Subtotal land	307,070
Subtotal water	362,690
Total conservation	669,760

Continued

Table LU 5. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	700
Conflict	50,300
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	450
Subtotal land	51,460
Subtotal water	0
Total development	51,460

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 6. Coastal zone biophysical inventory of DeSoto County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	60
Class II waters	0
Marine grass beds	0
Selected coastal marshes	190
Selected coastal mangroves	510
Selected freshwater swamps	190
Selected freshwater marshes	260
Gulf and Atlantic beaches and dunes	0
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	1,150
Subtotal water	60
Total preservation	1,210
<u>Conservation</u>	
Class III waters	450
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	0
Water area	0
Hurricane flood zone	9,470
River flood plains	3,260
Marginal lands	40,320
Subtotal land	53,060
Subtotal water	450
Total conservation	53,510

Continued

Table LU 6 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	1,860
Conflict	2,340
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	6,780
Subtotal land	10,880
Subtotal water	0
Total development	10,880

<sup>a</sup> Definition of elements found in Table LU 3 .

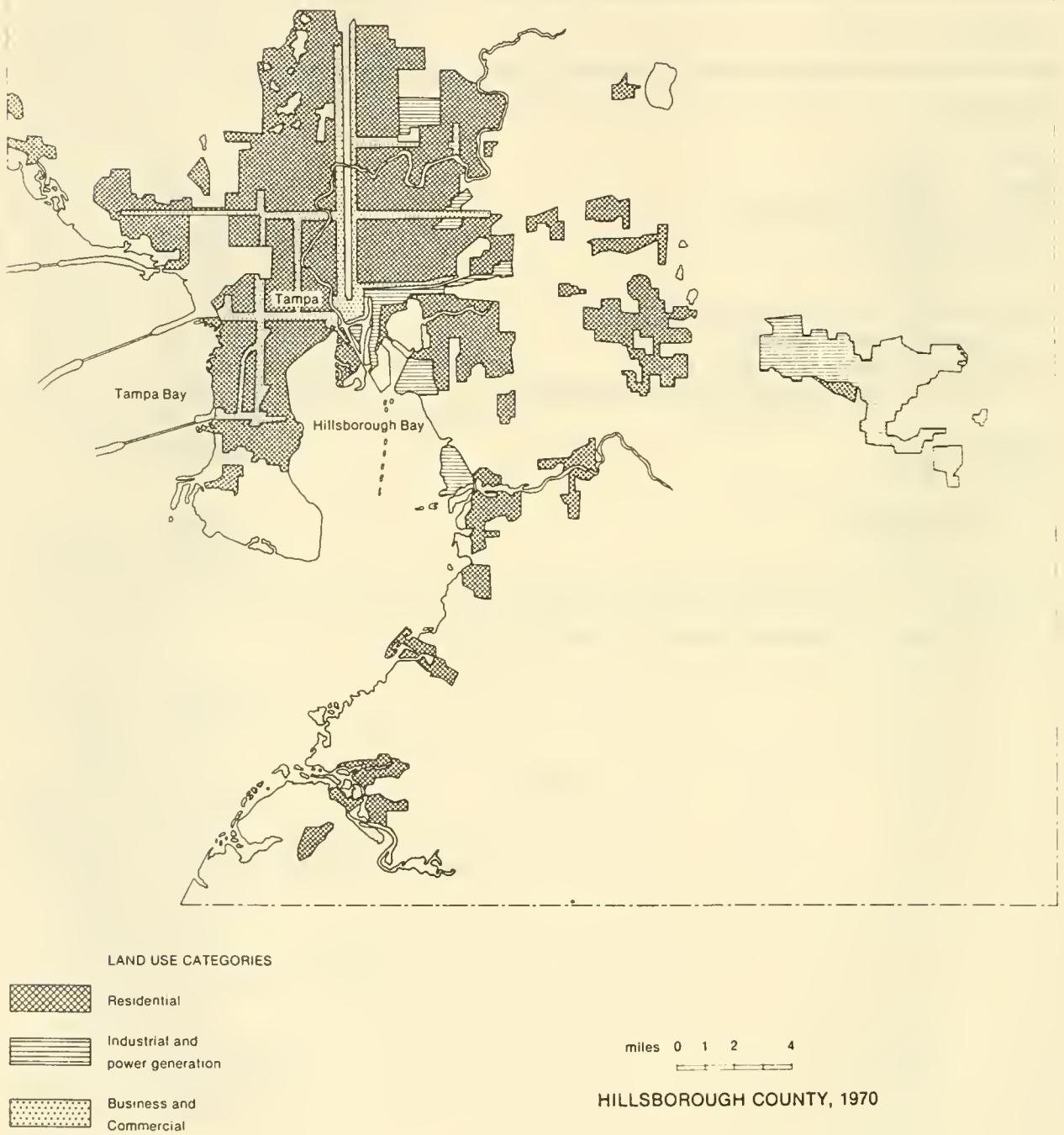


Figure 5. Selected land uses in Hillsborough County (Florida Coastal Coordinating Council 1970).

Table LU 7. Coastal zone biophysical inventory<sup>a</sup> of Hillsborough County in 1970 (Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	320
Class II waters	38,340
Marine grass beds	5,180
Selected coastal marshes	3,260
Selected coastal mangroves	3,460
Selected freshwater swamps	2,820
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	0
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	9,540
Subtotal water	43,840
Total preservation	53,380
<u>Conservation</u>	
Class III waters	110,210
Aquatic preserve:	
Land area	2,180
Water area	2,500
Aquaculture leases	0
Spoil islands	190
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	0
Water area	0
Hurricane flood zone	57,220
River flood plains	3,780
Marginal lands	10,690
Subtotal land	74,050
Subtotal water	112,700
Total conservation	186,750

Continued

Table LU 7. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	2,820
Class V waters	0
Presently developed areas:	
Non-conflict	76,800
Conflict	36,030
Undeveloped lands suitable for intensive development	24,900
Undeveloped lands suitable for intensive development with corrections	47,550
Subtotal land	185,280
Subtotal water	2,820
Total development	188,100

<sup>a</sup> Definition of elements found in Table LU 3.

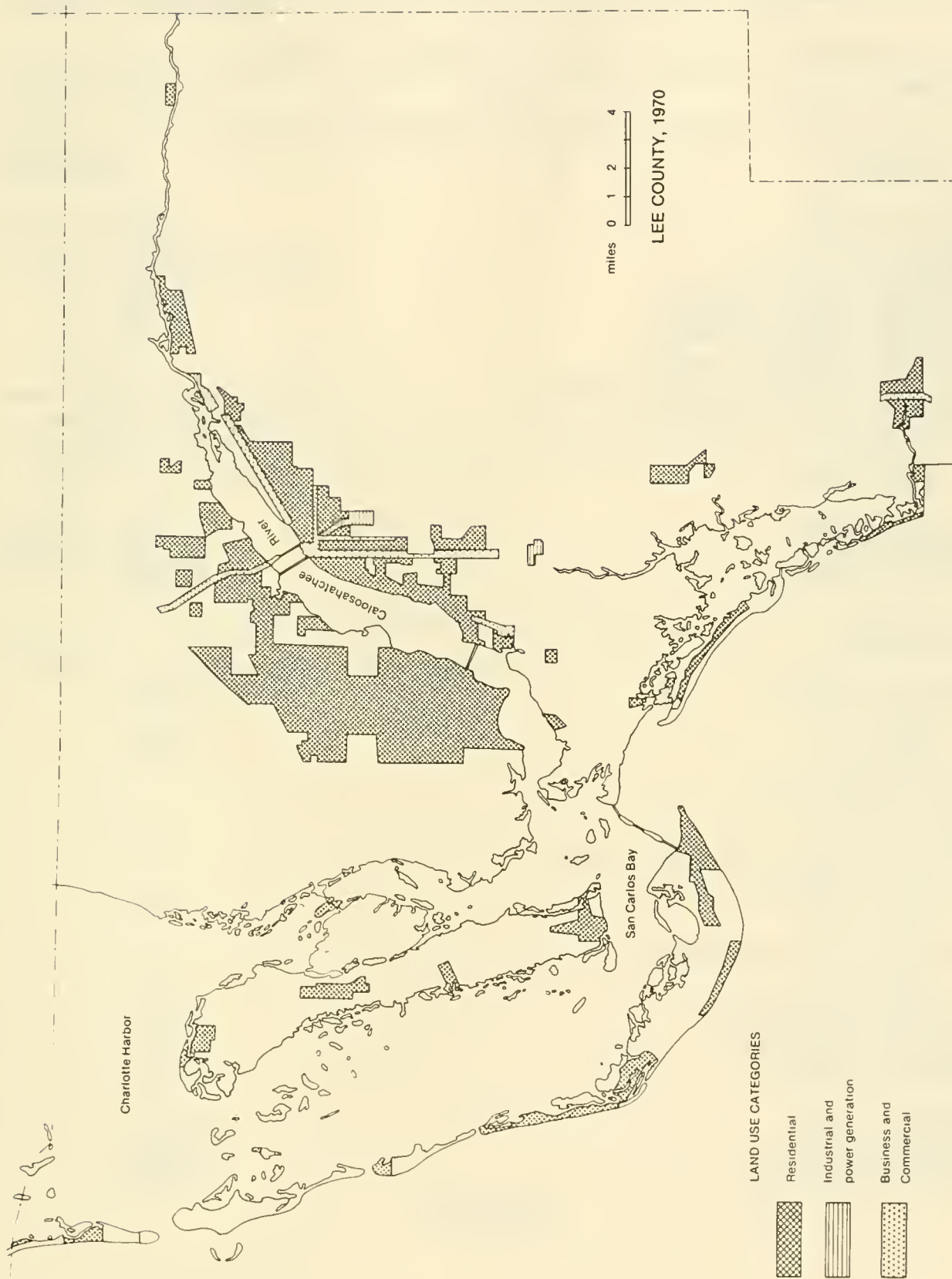


Figure 6. Selected land uses in Lee County (Florida Coastal Coordinating Council 1970).

Table LU 8. Coastal zone biophysical inventory<sup>a</sup> of Lee County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	260
Class II waters	84,480
Marine grass beds	39,040
Selected coastal marshes	4,160
Selected coastal mangroves	35,260
Selected freshwater swamps	10,430
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	770
Selected estuarine beaches	60
Other unique environmental features:	
Land area	0
Water area	7,550
Subtotal land	50,690
Subtotal water	131,330
Total preservation	182,020
<u>Conservation</u>	
Class III waters	351,300
Aquatic preserve:	
Land area	8,960
Water area	82,300
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	5,760
Wildlife refuges:	
Land area	4,670
Water area	0
Parks and recreation areas:	
Land area	1,150
Water area	0
Hurricane flood zone	184,450
River flood plains	1,220
Marginal lands	99,710
Subtotal land	305,920
Subtotal water	433,600
Total conservation	739,520

Continued

Table LU 8. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	15,550
Conflict	54,980
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	43,390
Subtotal land	113,920
Subtotal water	0
Total development	113,920

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 9. Coastal zone biophysical inventory<sup>a</sup> of Manatee County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	10,430
Marine grass beds	9,410
Selected coastal marshes	0
Selected coastal mangroves	3,780
Selected freshwater swamps	0
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	260
Selected estuarine beaches	60
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	4,100
Subtotal water	19,840
Total preservation	23,940
<u>Conservation</u>	
Class III waters	139,200
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	60
Water area	320
Parks and recreation areas:	
Land area	0
Water area	0
Hurricane flood zone	18,180
River flood plains	960
Marginal lands	7,870
Subtotal land	27,070
Subtotal water	139,520
Total conservation	166,590

Continued

Table LU 9. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	13,440
Conflict	14,270
Undeveloped lands suitable for intensive development	2,300
Undeveloped lands suitable for intensive development with corrections	19,580
Subtotal land	49,600
Subtotal water	0
Total development	49,600

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 10. Coastal zone biophysical inventory<sup>a</sup> of Monroe County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	323,140
Marine grass beds	233,860
Selected coastal marshes	177,090
Selected coastal mangroves	234,180
Selected freshwater swamps	0
Selected freshwater marshes	65,600
Gulf and Atlantic beaches and dunes	130
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	477,060
Subtotal water	524,990
Total preservation	1,034,050
<u>Conservation</u>	
Class III waters	1,094,720
Aquatic preserve:	
Land area	0
Water area	18,940
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	14,400
Water area	211,140
Parks and recreation areas:	
Land area	461,700
Water area	431,550
Hurricane flood zone	535,740
River flood plains	0
Marginal lands	0
Subtotal land	1,011,840
Subtotal water	1,756,350
Total conservation	2,768,190

Continued

Table LU 10 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	0
Conflict	21,950
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	0
Subtotal land	21,950
Subtotal water	0
Total development	21,950

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 11. Coastal zone biophysical inventory<sup>a</sup> of Pasco County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	0
Marine grass beds	6,460
Selected coastal marshes	3,780
Selected coastal mangroves	260
Selected freshwater swamps	1,660
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	60
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	5,760
Subtotal water	6,460
Total preservation	12,220
<u>Conservation</u>	
Class III waters	135,490
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	320
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	190
Water area	0
Hurricane flood zone	25,340
River flood plains	5,760
Marginal lands	1,470
Subtotal land	33,090
Subtotal water	135,170
Total conservation	168,260

Continued

Table LU 11 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	9,220
Conflict	7,940
Undeveloped lands suitable for intensive development	44,350
Undeveloped lands suitable for intensive development with corrections	3,650
Subtotal land	64,960
Subtotal water	0
Total development	64,960

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 12. Coastal zone biophysical inventory<sup>a</sup> of Pinellas County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	64,130
Marine grass beds	15,810
Selected coastal marshes	0
Selected coastal mangroves	2,820
Selected freshwater swamps	3,390
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	770
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	6,980
Subtotal water	79,940
Total preservation	86,970
<u>Conservation</u>	
Class III waters	283,460
Aquatic preserve:	
Land area	0
Water area	25,410
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	1,540
Water area	0
Hurricane flood zone	56,700
River flood plains	0
Marginal lands	28,790
Subtotal land	86,530
Subtotal water	308,860
Total conservation	395,390

Continued

Table LU 12 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	30,080
Conflict	74,110
Undeveloped lands suitable for intensive development	10,050
Undeveloped lands suitable for intensive development with corrections	1,920
Subtotal land	116,160
Subtotal water	0
Total development	116,160

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 13. Coastal zone biophysical inventory<sup>a</sup> of Sarasota County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	8,960
Marine grass beds	1,920
Selected coastal marshes	900
Selected coastal mangroves	510
Selected freshwater swamps	0
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	640
Selected estuarine beaches	60
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	2,110
Subtotal water	10,880
Total preservation	12,990
<u>Conservation</u>	
Class III waters	243,460
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	380
Water area	0
Hurricane flood zone	26,370
River flood plains	5,500
Marginal lands	27,520
Subtotal land	59,780
Subtotal water	243,460
Total conservation	303,230

Continued

Table LU 13. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	38,850
Conflict	12,740
Undeveloped lands suitable for intensive development	190
Undeveloped lands suitable for intensive development with corrections	110,660
Subtotal land	162,430
Subtotal water	0
Total development	162,430

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 14 - Coastal zone population statistics in 1970 ( Florida Department of Natural Resources, Coastal Coordination Council 1973) .

County	Coastal zone	County population	Coastal zone % of county	Coastal zone % of state
Charlotte	27,381	27,559	99.4	0.40
Collier	29,377	38,040	77.2	0.43
DeSoto	7,289	13,060	55.8	0.11
Hillsborough	434,105	490,265	88.5	6.39
Lee	102,507	105,216	97.4	1.51
Manatee	91,508	97,115	94.2	1.35
Monroe	52,586	52,586	100.0	0.77
Pasco	41,771	75,955	55.0	0.62
Pinellas	522,329	522,329	100.0	7.69
Sarasota	118,106	120,413	98.1	1.74
Region	1,426,959	1,542,538	N.D.	N.D.

Table LU 15. Coastal biophysical inventory<sup>a</sup> of Charlotte County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	179
Class II waters	51,379
Marine grass beds	14,335
Selected coastal marshes	12,166
Selected coastal mangroves	16,883
Selected freshwater swamps	0
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	633
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	29,683
Subtotal water	65,894
Total preservation	95,577
<u>Conservation</u>	
Class III waters	24,710
Aquatic preserve:	
Land area	3,710
Water area	9,985
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	1,017
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	172
Water area	0
Hurricane flood zone	109,939
River flood plains	2,233
Marginal lands	50,201
Subtotal land	167,275
Subtotal water	34,695
Total conservation	201,971

Continued

Table LU 15 . Concluded .

Element	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	4,812
Conflict	46,918
Undeveloped lands suitable for intensive development	2,444
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	2,214
Prime agricultural lands	1,772
Prime agricultural lands with other potential suitabilities	32,307
Subtotal land	90,470
Subtotal water	0
Total development	90,470

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 16 . Coastal zone biophysical inventory<sup>a</sup> of Collier County in 1976  
(Florida Department of Natural Resources 1978) .

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	53,811
Marine grass beds	2,912
Selected coastal marshes	41,734
Selected coastal mangroves	81,663
Selected freshwater swamps	262
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	1,696
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	125,356
Subtotal water	56,723
Total preservation	182,079
<u>Conservation</u>	
Class III waters	63,350
Aquatic preserve:	
Land area	19,746
Water area	29,718
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	3,292
Water area	6,711
Parks and recreation areas:	
Land area	46,041
Water area	0
Hurricane flood zone	0
River flood plains	0
Marginal lands	0
Subtotal land	69,080
Subtotal water	101,780
Total conservation	170,860

Continued

Table LU 16 . Concluded .

---

Element	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	755
Conflict	39,558
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	281
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	14,355
Subtotal land	54,950
Subtotal water	0
Total development	54,950

---

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 17. Coastal zone biophysical inventory<sup>a</sup> of DeSoto County in 1976  
(Florida Department of Natural Resources 1978).

Element	Acres
<u>Preservation</u>	
Class I waters	44
Class II waters	0
Marine grass beds	0
Selected coastal marshes	115
Selected coastal mangroves	76
Selected freshwater swamps	7,072
Selected freshwater marshes	524
Gulf and Atlantic beaches and dunes	0
Selected estuarine beaches	0
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	7,788
Subtotal water	44
Total preservation	7,833
<u>Conservation</u>	
Class III waters	1,203
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	38
Water area	38
Hurricane flood zone	8,960
River flood plains	3,526
Marginal lands	35,703
Subtotal land	49,228
Subtotal water	1,241
Total conservation	50,470

Continued

Table LU 17. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	2,022
Conflict	1,510
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	12,480
Subtotal land	16,012
Subtotal water	0
Total development	16,012

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 18. Coastal zone biophysical inventory<sup>a</sup> of Hillsborough County in 1976 (Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	646
Class II waters	45,292
Marine grass beds	4,876
Selected coastal marshes	2,451
Selected coastal mangroves	4,723
Selected freshwater swamps	4,512
Selected freshwater marshes	575
Gulf and Atlantic beaches and dunes	0
Selected estuarine beaches	0
Other unique environmental features:	
Land area	569
Water area	569
Wilderness areas	0
Subtotal land	12,831
Subtotal water	51,385
Total preservation	64,217
<u>Conservation</u>	
Class III waters	75,814
Aquatic preserve:	
Land area	5
Water area	6
Aquaculture leases	0
Spoil islands	64
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	230
Water area	230
Parks and recreation areas:	
Land area	1,139
Water area	1,139
Hurricane flood zone	62,623
River flood plains	5,414
Marginal lands	90,201
Subtotal land	159,679
Subtotal water	77,190
Total conservation	236,870

Continued

Table LU 18. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	38,540
Conflict	66,291
Undeveloped lands suitable for intensive development	716
Undeveloped lands suitable for intensive development with corrections	1,132
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	16,371
Prime agricultural lands with other potential suitabilities	23,091
Subtotal land	146,143
Subtotal water	0
Total development	146,143

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 19. Coastal zone biophysical inventory<sup>a</sup> of Lee County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	691
Class II waters	84,051
Marine grass beds	38,284
Selected coastal marshes	14,201
Selected coastal mangroves	34,271
Selected freshwater swamps	8,902
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	1,900
Selected estuarine beaches	454
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	59,731
Subtotal water	123,027
Total preservation	182,758
<u>Conservation</u>	
Class III waters	88,051
Aquatic preserve:	
Land area	5,638
Water area	51,789
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	5,676
Wildlife refuges:	
Land area	4,582
Water area	0
Parks and recreation areas:	
Land area	1,996
Water area	0
Hurricane flood zone	201,452
River flood plains	991
Marginal lands	84,812
Subtotal land	305,151
Subtotal water	139,840
Total conservation	444,991

Continued

Table LU 19. Concluded.

---

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	26,336
Conflict	71,545
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	4,684
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	24,179
Prime agricultural lands with other potential suitabilities	90,342
Subtotal land	217,087
Subtotal water	0
Total development	217,087

---

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 20. Coastal zone biophysical inventory<sup>a</sup> of Manatee County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	1,196
Class II waters	12,812
Marine grass beds	8,415
Selected coastal marshes	1,081
Selected coastal mangroves	4,006
Selected freshwater swamps	4,958
Selected freshwater marshes	275
Gulf and Atlantic beaches and dunes	742
Selected estuarine beaches	160
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	8,223
Subtotal water	22,425
Total preservation	30,649
<u>Conservation</u>	
Class III waters	60,627
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	61
Water area	309
Parks and recreation areas:	
Land area	518
Water area	518
Hurricane flood zone	30,976
River flood plains	1,062
Marginal lands	121,375
Subtotal land	153,994
Subtotal water	61,454
Total conservation	215,449

Continued

Table LU 20 . Concluded .

Element	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	0
Conflict	30,579
Undeveloped lands suitable for intensive development	172
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	26,950
Prime agricultural lands with other potential suitabilities	1,222
Subtotal land	58,924
Subtotal water	0
Total development	58,924

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 21. Coastal zone biophysical inventory<sup>a</sup> of Monroe County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	152,268
Marine grass beds	426,848
Selected coastal marshes	159,539
Selected coastal mangroves	221,964
Selected freshwater swamps	0
Selected freshwater marshes	64,947
Gulf and Atlantic beaches and dunes	134
Selected estuarine beaches	0
Other unique environmental features:	
Land area	467
Water area	467
Wilderness areas	0
Patch reef coral	1,939
Undifferentiated reef coral	3,052
Subtotal land	447,052
Subtotal water	584,575
Total preservation	1,031,628
<u>Conservation</u>	
Class III waters	83,327
Aquatic preserve:	
Land area	0
Water area	14,143
Aquaculture leases	0
Spoil islands	12
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	9,808
Water area	143,816
Parks and recreation areas:	
Land area	354,262
Water area	331,132
Hurricane flood zone	17,542
River flood plains	6
Marginal lands	0
Subtotal land	381,632
Subtotal water	572,421
Total conservation	954,054

Continued

Table LU 21 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	0
Conflict	22,675
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	0
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	0
Subtotal land	22,675
Subtotal water	0
Total development	22,675

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 22. Coastal zone biophysical inventory<sup>a</sup> of Pasco County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	0
Marine grass beds	6,361
Selected coastal marshes	3,705
Selected coastal mangroves	294
Selected freshwater swamps	3,033
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	44
Selected estuarine beaches	19
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	7,097
Subtotal water	6,361
Total preservation	13,459
<u>Conservation</u>	
Class III waters	43,398
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	307
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	172
Water area	0
Hurricane flood zone	24,697
River flood plains	5,561
Marginal lands	2,912
Subtotal land	33,651
Subtotal water	43,398
Total conservation	77,049

Continued

Table LU 22 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	10,316
Conflict	10,835
Undeveloped lands suitable for intensive development	1,881
Undeveloped lands suitable for intensive development with corrections	2,560
Undeveloped lands suitable for development if protected from flooding	121
Prime agricultural lands	2,713
Prime agricultural lands with other potential suitabilities	50,150
Subtotal land	78,579
Subtotal water	0
Total development	78,579

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 23. Coastal zone biophysical inventory<sup>a</sup> of Pinellas County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	49,196
Marine grass beds	9,785
Selected coastal marshes	0
Selected coastal mangroves	1,728
Selected freshwater swamps	4,249
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	678
Selected estuarine beaches	96
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	6,751
Subtotal water	58,982
Total preservation	65,734
<u>Conservation</u>	
Class III waters	0
Aquatic preserve:	
Land area	0
Water area	139,519
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	80
Water area	80
Parks and recreation areas:	
Land area	5,190
Water area	0
Hurricane flood zone	61,574
River flood plains	0
Marginal lands	0
Subtotal land	141,827
Subtotal water	139,599
Total conservation	281,427

Continued

Table LU 23. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	28,422
Conflict	81,836
Undeveloped lands suitable for intensive development	563
Undeveloped lands suitable for intensive development with corrections	384
Undeveloped lands suitable for development if protected from flooding	1,983
Prime agricultural lands	11,257
Prime agricultural lands with other potential suitabilities	11,820
Subtotal land	136,268
Subtotal water	0
Total development	136,268

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 24. Coastal zone biophysical inventory<sup>a</sup> of Sarasota County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	659
Class II waters	8,895
Marine grass beds	1,657
Selected coastal marshes	895
Selected coastal mangroves	831
Selected freshwater swamps	108
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	1,414
Selected estuarine beaches	492
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
Subtotal land	3,743
Subtotal water	11,212
Total preservation	14,956
<u>Conservation</u>	
Class III waters	70,297
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	1,510
Water area	0
Hurricane flood zone	27,507
River flood plains	6,572
Marginal lands	118,355
Subtotal land	153,945
Subtotal water	70,297
Total conservation	224,243

Continued

Table LU 24 . Concluded .

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	7,424
Conflict	54,278
Undeveloped lands suitable for intensive development	447
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	121
Prime agricultural lands	3,449
Prime agricultural lands with other potential suitabilities	49,747
Subtotal land	115,468
Subtotal water	0
Total development	115,468

<sup>a</sup> Definition of elements found in Table LU 3 .

Table LU 25. Coastal zone population statistics in 1976 (Florida Department of Environmental Regulation, Division of Environmental Programs 1978).

County	Coastal zone	County population	Coastal zone % of county	Coastal zone % of state
Charlotte	42,024	42,278	99.4	0.49
Collier	49,995	64,761	77.2	0.58
De Soto	10,008	17,935	55.8	0.12
Hillsborough	531,633	600,715	88.5	6.22
Lee	159,715	163,978	97.4	1.87
Manatee	121,114	126,160	96.0	1.42
Monroe	52,586	52,586	100.0	0.61
Pasco	74,352	135,186	55.0	0.87
Pinellas	673,603	673,603	100.0	7.88
Sarasota	161,918	165,054	98.1	1.89
Region	1,876,948	2,042,256	N.D.	N.D.

Table LU 26. Non-urban land use by category in the Tampa Bay Region in 1976 (Tampa Bay Regional Planning Council 1976).

County	Cropland and pasture		Citrus grove		Other agriculture <sup>a</sup>	
	Total area (acres)	% of total developed land	Total area (acres)	% of total developed land	Total area (acres)	% of total developed land
Hillsborough	276,509	59.70	51,248	11.07	1,432	0.31
Manatee	326,726	84.32	19,530	5.06	182	0.05
Pasco	226,894	65.04	38,588	11.06	32,400	9.29
Pinellas	33,890	21.24	5,948	3.72	1,860	1.16

County	Groves, orchards and horticultural		Confined feeding operations	
	Total area (acres)	% of total developed land	Total area (acres)	% of total developed land
Hillsborough	270	0.0006	475	0.0010
Manatee	0	0.000	168	0.0040
Pasco	95	0.0003	802	0.0020
Pinellas	105	0.0007	145	0.0009

<sup>a</sup> Includes animal and specialty farms.

Table LU 27. Urban land use by category in the Tampa Bay Region in 1976 (Tampa Bay Regional Planning Council 1976).

County	Residential			Commercial		
	Total area (acres)	% of total urban land	% of county's total developed land	Total area (acres)	% of total urban land	% of total developed land
Hillsborough	71,374	53.60	15.41	9,023	6.78	1.95
Manatee	19,774	48.60	5.12	1,560	3.83	0.40
Pasco	33,378	66.68	9.57	2,023	4.04	0.58
Pinellas	70,268	59.53	43.90	9,608	8.14	6.00

County	Industrial			Extractive		
	Total area (acres)	% of total urban land	% of total developed land	Total area (acres)	% of total urban land	% of total developed land
Hillsborough	17,612	13.22	3.80	5,355	4.02	1.16
Manatee	565	1.39	0.15	711	1.75	0.18
Pasco	977	1.95	0.28	938	1.88	0.27
Pinellas	30	0.03	0.02	4,463	3.78	2.70

Continued

Table LU 27 . Concluded .

County	Transportation, communication and utility			Institutional		
	Total area (acres)	% of total urban land	% of total developed land	Total area (acres)	% of total urban land	% of total developed land
Hillsborough	5,355	4.02	1.16	10,104	7.59	2.18
Manatee	711	1.75	0.18	879	2.16	0.23
Pasco	938	1.88	0.27	1,057	2.11	0.30
Pinellas	4,463	3.78	2.70	2,652	2.26	1.66

County	Open space and other <sup>a</sup>		
	Total area (acres)	% of total urban area	% of total developed land
Hillsborough	13,278	9.97	2.87
Manatee	13,414	32.97	3.47
Pasco	9,688	19.35	.56
Pinellas	27,168	23.02	16.97

<sup>a</sup> Includes beaches, golf courses, parks, cemeteries, marinas, stadiums and undeveloped land within urban areas .

Table LU 28. Land use acreage projections for Hillsborough County (Tampa Bay Regional Planning Council 1978).

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Urban or built-up</u>				
. Single residence	92,020	98,559	120,775	28,755
. Multi residence	430	1,438	8,861	8,431
. Commercial	12,880	13,877	19,556	6,628
. Industrial	5,160	5,514	6,923	1,763
. Transportation, communication, utilities	9,980	9,980	9,980	
. Industrial, commercial, complex	2,425	2,425	2,425	
. Extractive	10,120	10,120	10,120	
. Mixed urban	1,560	1,560	1,560	
. Other urban	9,010	8,898	8,898	-112
<u>Agricultural</u>				
. Cropland	59,871	57,799	50,830	-9,041
. Improved pasture	159,570	157,307	142,921	-16,649
. Unimproved pasture	91,860	90,102	84,409	-7,451
. Specialty farms	3,800	3,669	3,631	-369
. Horticultural/groves	3,800	3,800	3,600	-200
. Citrus groves	62,330	61,475	55,153	-7,177
. Confined feeding	1,680	1,621	1,417	-263
. Other agricultural	1,300	1,300	1,300	
<u>Forest</u>				
. Deciduous	90	90	90	
. Evergreen	47,730	46,871	45,009	-2,721
. Mixed	380	380	380	
<u>Water</u>				
. Streams, canals	750	750	750	
. Lakes	18,697	18,697	18,697	
. Reservoirs	2,105	2,105	2,105	

Continued

Table LU 28. Concluded.

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Wetland</u>				
. Fresh forest	55,010	55,010	54,900	-110
. Fresh marsh	4,740	4,740	4,740	
. Salt forest	5,480	5,480	5,480	
. Salt marsh	3,090	3,090	3,090	
<u>Barren</u>				
. Beaches	40	40	40	
. Other sandy	740	740	740	
. Transitional	6,810	6,021	5,328	-1,480

Table LU 29. Land use acreage projections for Pasco County (Tampa Bay Regional Planning Council 1978).

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Urban or built-up</u>				
. Single residence	38,420	43,512	57,384	18,960
. Multi residence	480	907	4,600	4,120
. Commercial	2,140	2,940	8,316	6,176
. Industrial	390	710	2,552	2,162
. Transportation, communication, utilities	2,810	2,810	2,810	
. Industrial, commercial, complex	N.D.	N.D.	N.D.	
. Extractive	750	750	750	
. Mixed urban	100	100	100	
. Other urban	920	920	920	
<u>Agricultural</u>				
. Cropland	1,370	1,370	1,370	
. Improved pasture	132,316	128,676	111,970	-20,346
. Unimproved pasture	73,659	73,219	70,377	-3,282
. Specialty farms	190	190	190	
. Horticultural/groves	1,210	1,110	421	-789
. Citrus groves	48,530	48,051	44,728	-3,802
. Confined feeding	1,730	1,730	1,708	-22
. Other agricultural	260	260	260	
<u>Forest</u>				
. Deciduous	420	420	420	
. Evergreen	37,040	35,752	34,965	-2,075
. Mixed	N.D.	N.D.	N.D.	
<u>Water</u>				
. Streams/canals	N.D.	N.D.	N.D.	
. Lakes	10,810	10,810	10,810	
. Reservoirs	360	360	360	

Continued

Table LU 29 . Concluded .

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Wetland</u>				
. Fresh forest	79,070	79,070	79,070	
. Fresh marsh	10,960	10,960	10,960	
. Salt forest	370	370	370	
. Salt marsh	N.D.	N.D.	N.D.	
<u>Barren</u>				
. Beaches	1,940	1,940	1,940	
. Other sandy	N.D.	N.D.	N.D.	
. Transitional	15,160	14,468	14,054	-1,106

Table LU 30. Land use acreage projections for Pinellas County (Tampa Bay Regional Planning Council 1978).

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Urban or built-up</u>				
. Single residence	80,260	84,820	92,610	12,350
. Multi residence	1,970	3,230	9,620	7,650
. Commercial	14,380	14,480	18,170	3,790
. Industrial	780	1,560	5,560	4,780
. Transportation, communication, utilities	4,020	3,840	3,840	-180
. Industrial, commercial, complex	100	60	60	-40
. Extractive	560	560	200	360
. Mixed urban	290	290	250	-40
. Other urban	6,830	6,310	5,420	-1,410
<u>Agricultural</u>				
. Cropland	460	420	260	-200
. Improved pasture	8,360	7,180	2,350	-6,010
. Unimproved pasture	15,100	13,080	6,210	-8,890
. Specialty farms	330	330	330	
. Horticultural/groves	340	340	340	
. Citrus groves	7,670	6,370	3,760	-3,910
. Confined feeding	N.D.	N.D.	N.D.	
. Other agricultural	80	80	80	
<u>Forest</u>				
. Deciduous	240	120	40	-200
. Evergreen	8,940	8,580	5,160	-3,780
. Mixed	640	640	440	-200
<u>Water</u>				
. Streams/canals	2,110	2,110	2,110	
. Lakes	2,640	2,640	2,640	
. Reservoirs	890	890	890	

Continued

Table LU 30 . Concluded .

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Wetland</u>				
. Fresh forest	6,850	6,850	6,730	-120
. Fresh marsh	2,010	2,010	1,930	-80
. Salt forest	6,208	6,208	6,208	N.D.
. Salt marsh	6,800	6,800	6,800	N.D.
<u>Barren</u>				
. Beaches	3,170	3,170	3,170	N.D.
. Other sandy	N.D.	N.D.	N.D.	N.D.
. Transitional	4,550	3,610	1,400	-3,150

Table LU 31. Land use acreage projections for Manatee County (Tampa Bay Regional Planning Council 1978).

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Urban or built-up</u>				
. Single residence	20,880	23,590	33,770	12,890
. Multi residence	510	1,080	2,706	2,196
. Commercial	3,760	3,095	3,805	1,045
. Industrial	640	1,220	3,620	2,980
. Transportation, communication, utilities	1,290	1,250	1,250	-40
. Industrial, commercial, complex	170	70	70	-100
. Extractive	270	270	230	-40
. Mixed urban		N.D.	N.D.	N.D.
. Other urban	2,260	2,152	1,219	-1,041
<u>Agricultural</u>				
. Cropland	46,480	45,389	40,992	-5,488
. Improved pasture	111,010	109,389	104,133	-6,877
. Unimproved pasture	171,570	171,508	170,254	-1,316
. Specialty farms	740	740	700	-40
. Horticultural/groves	3,470	3,470	2,909	-561
. Citrus groves	19,330	18,807	17,314	-2,016
. Confined feeding	2,610	2,610	2,610	0
. Other agricultural	350	350	350	0
<u>Forest</u>				
. Deciduous	40	40	40	0
. Evergreen	22,920	22,515	21,793	-1,127
. Mixed	80	80	80	0
<u>Water</u>				
. Streams/canals	10,160	10,160	10,160	0
. Lakes	3,860	3,860	3,860	0
. Reservoirs	1,490	1,490	1,490	0

Continued

Table LU 31. Concluded.

Land use	Existing 1975	1980	2000	Change 1975-2000
<u>Wetland</u>				
. Fresh forest	30,320	30,320	30,320	0
. Fresh marsh	10,630	10,630	10,630	0
. Salt forest	6,320	6,320	6,320	0
. Salt marsh	100	100	100	0
<u>Barren</u>				
. Beaches	970	970	850	-120
. Other sandy	180	180	180	0
. Transitional	2,280	2,035	1,935	-345

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Trans- mission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands Condos & Co-ops	Consumptive Uses of Water,	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
Air pollution sources									DER																		
Airports				DER					DER								DOS		WMD	WMD				DOA			DVCA
Amusement & recreation facilities				DER					DER								DOS		WMD	WMD							DVCA
Animal & poultry con- finement feeding facilities		DER	EPA DER																			WMD					
Artificial recharge						DER															WMD						
Barricades & fences in wetlands	COE DER														DNR							WMD					
Beach restoration	COE DER										DNR				DNR		DOS							DOA			
Boat basins	COE DER														DNR		DOS					WMD					DVCA
Boat ramps	COE DER														DNR		DOS					WMD					
Boat slips	COE DER														DNR		DOS					WMD					DVCA
Breakwaters											DNR				DNR							WMD					
Bridges	DER CG														DNR		DOS			WMD		WMD					
Bulkheads, shoreline	COE DER										DNR				DNR		DOS			WMD		WMD					
Burning, open															DNR		DOS										
Cables, overhead	COE CG																										
Cables subaqueous	COE DER														DNR		DOS					WMD					

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Transmission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands	Consumptive Uses of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
Canals, construction and connection	COE DER																DOS			WMD		WMD					
	COE DER														DNR							WMD					
	COE DER														DNR								DOA				
	COE DER										DNR				DNR									DOA			
Clearing of land																DER DACS	DOS										
Compactor							DER																				
Consumptive use of water																			WMD								
Construction, wetlands	COE DER														DNR		DOS			WMD		WMD					
Construction, coastline	COE DER										DNR				DNR		DOS										
Dams and weirs	COE DER																DOS			WMD		WMD					
Deep well injection		DER															DOS				WMD						
Dikes	COE DER																DOS			WMD		WMD					
Discharge of wastes into surface and ground waters		DER	EPA DER																		WMD	WMD					
Ditches	COE DER																DOS					WMD					
Dock	COE DER										DNR				DNR		DOS						WMD				
Drainage wells		DER																				WMD					

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c).

Continued.

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Transmission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg of Subdivided Lands Condos & Co-ops	Consumptive Uses of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
Dredging, wetlands	COE DER														DNR		DOS			WMD		WMD					
Dredging for borrow	COE DER														DNR		DOS					WMD					
Dredging channels and berths	COE DER										DNR				DNR		DOS			WMD		WMD					
Dredging, rigs	COE DER																										
Dredging maintenance	COE DER										DNR				DNR		DOS					WMD					
Dredging, spoil disposal	COE DER														DNR		DOS					WMD					
Drilling						DER							DNR		DNR				WMD								
Electrical power plant	COE DER	DER	EPA DER				DER		DER	DER									WMD	WMD				DOA	DVCA		
Electrical transmission lines	DER									DER							DOS					WMD			DVCA		DVCA
Excavation, prehistoric or historic sites	DER																DOS										
Federally funded and assisted projects																	DOS						DOA	DOA			
Filling, site development	COE DER										DNR									WMD							
Filling, wetlands	COE DER														DNR					WMD		WMD					
Flood control works	COE DER																			WMD		WMD		DOA			
Gages	COE DER																					WMD					
Groins and jetties	COE DER										DNR				DNR							WMD		DOA			DOA

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Concluded.

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT AC- TIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Trans- mission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands Condos & Co-ops	Consumptive Uses of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
	Highway construction				DER				DER								DOS			WMD	WMD	WMD	DOA				
	Hospitals																DOS		WMD		WMD						DVCA
	Houses					DHRS		DHRS									DOS				WMD						
	Household garbage site						DER										DOS			WMD		WMD					
	Impoundments	COE DER															DOS			WMD		WMD					
	Incinerator							DER		DER							DER										
	Industrial, air emissions									DER																	
	Industrial, discharge to surface water		DER	EPA DER																WMD	WMD	WMD	WMD				
	Industrial, discharge to groundwater		DER				DER													WMD	WMD	WMD					
Industrial, hazardous waste disposal							DER																				
Industrial, plants and parks		DER	EPA DER	DER	DER		DER		DER								DOS		WMD	WMD							DVCA
Jetties	COE DER										DNR																
Landfill		DER					DER		DER											WMD							
Land sales																		DBR									DVCA
Land spreading		DER					DER																				
Land clearing and burning																DER DACS											

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.



PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Trans- mission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands Condos & Co-ops	Consumptive Uses of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
Oil & gas, leases												DNR			DNR												
Oil & gas storage																											
Open burning																DER DACS											
Out fall pipes	COE DER	DER	EPA DER								DNR				DNR					WMD	WMD	WMD					
Parking lots		DER							DER											WMD							
Petroleum storage									DER			DNR								WMD							DVCA
Phosphate ponds, dams		DER	EPA DER				DER							DNR			DOS			WMD		WMD					
Piers, commercial	COE DER										DNR				DNR		DOS			WMD		WMD					
Piers, private	COE DER										DNR						DOS					WMD					
Pipelines, subaqueous	COE DER										DNR	DNR	DNR		DNR		DOS					WMD					
Port facilities	COE DER			DER					DER		DNR	DNR			DNR		DOS					WMD		DOA			DVCA
Pollutant transfer facility	COE DER											DNR	DNR		DNR												
Potable water reservoirs	COE DER														DNR		DOS			WMD		WMD					
Power plant const. and expansion	COE DER	DER	EPA DER	DER			DER		DER	DER	DNR		DNR		DNR		DOS		WMD	WMD	WMD	WMD		DOA			
Power plant, planning																									DVCA		
Public water supplies				DER	DHRS	DER													WMD		WMD						

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c).

Continued.

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Transmission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands	Consumptive Uses of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Development of Regional Impact
Sewage plant construction		DER	EPA DER														DOS										
Sewage polishing ponds		DER	EPA DER																								
Shopping centers				DER															WMD	WMD	WMD						DVCA
Shoreline protection	COE DER										DNR				DNR		DOS										
Shredding, baling plant							DER																				
Signs in water and wetlands	COE DER										DNR											WMD					
Ski ramps	COE DER																					WMD					
Spray irrigation		DER	DER																								
Stillt houses	COE DER										DNR																
Stormwater control		DER	EPA DER																	WMD	WMD	WMD					
Stormwater disposal		DER	EPA DER																	WMD	WMD	WMD					
Storage of pollutants									DER			DNR															
Subdivision of lands								DHRS										DBR		WMD							
Transfer of pollutants												DNR	DNR		DOS												
Transfer station for solid waste							DER																				
Tunnels, underwater	COE DER														DOS DNR							WMD					

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c).

Continued.

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

PERMITTING AND PROJECT REVIEW PROGRAMS																											
LAND AND WATER DEVELOPMENT ACTIVITIES	Dredge and Fill	Water Pollution Sources	National Pollutant Discharge Elimination System	Public Drinking Water Systems	Private and Public Water Systems	Well Drilling and Use (DER)	Solid and Hazardous Waste	Individual Sewage Disposal	Air Quality	Power Plant and Transmission Line Siting	Coastal Construction	Transfer of Pollutants & Oil Spills	Oil and Gas Wells	Mined Lands Reclamation	State Lands	Open Burning	Protection of Historic Sites & Properties	Reg. of Subdivided Lands	Consumptive Use of Water	Management & Storage of Surface Water	Water Wells & Artificial Recharge	Works of the District	A-95 Clearinghouse	Environmental Impact Statement	10-Year Site Plans	Critical Areas	Regional Impact
Use of state lands															DNR												
Volume reduction plant							DER																				
Water, consumptive use																			WMD								
Water supply system				DER	DHRS										DOS				WMD	WMD	WMD						
Water, wells						DER									DOS				WMD	WMD	WMD						
Wells, potable water supply																			WMD	WMD	WMD						
Wells, disposal		DER				DER	DER														WMD						
Wells, oil and gas									DER			DER			DNR			DOS		WMD							
Yard trash site							DER																				
Sale, creation & operation of residential condos																											
Sale, creation & operation of residential co-ops																											
DOS	Department of State	DACS	Department of Agriculture and Consumer Services	EPA	Environmental Protection Agency																						
DNR	Department of Natural Resources	DVCA	Department of Veterans and Community Affairs	DER	Department of Environmental Regulation																						
PSC	Public Service Commission	DHRS	Department Health and Rehabilitative Services	WMD	Water Management District																						
DBR	Department of Business Regulation	COE	U.S. Army Corps of Engineers	DOA	Department of Administration																						

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c).

Continued.

Figure 7. Matrix of State Agencies involved in land development control (Florida Department of Environmental Regulation 1981c). Continued.

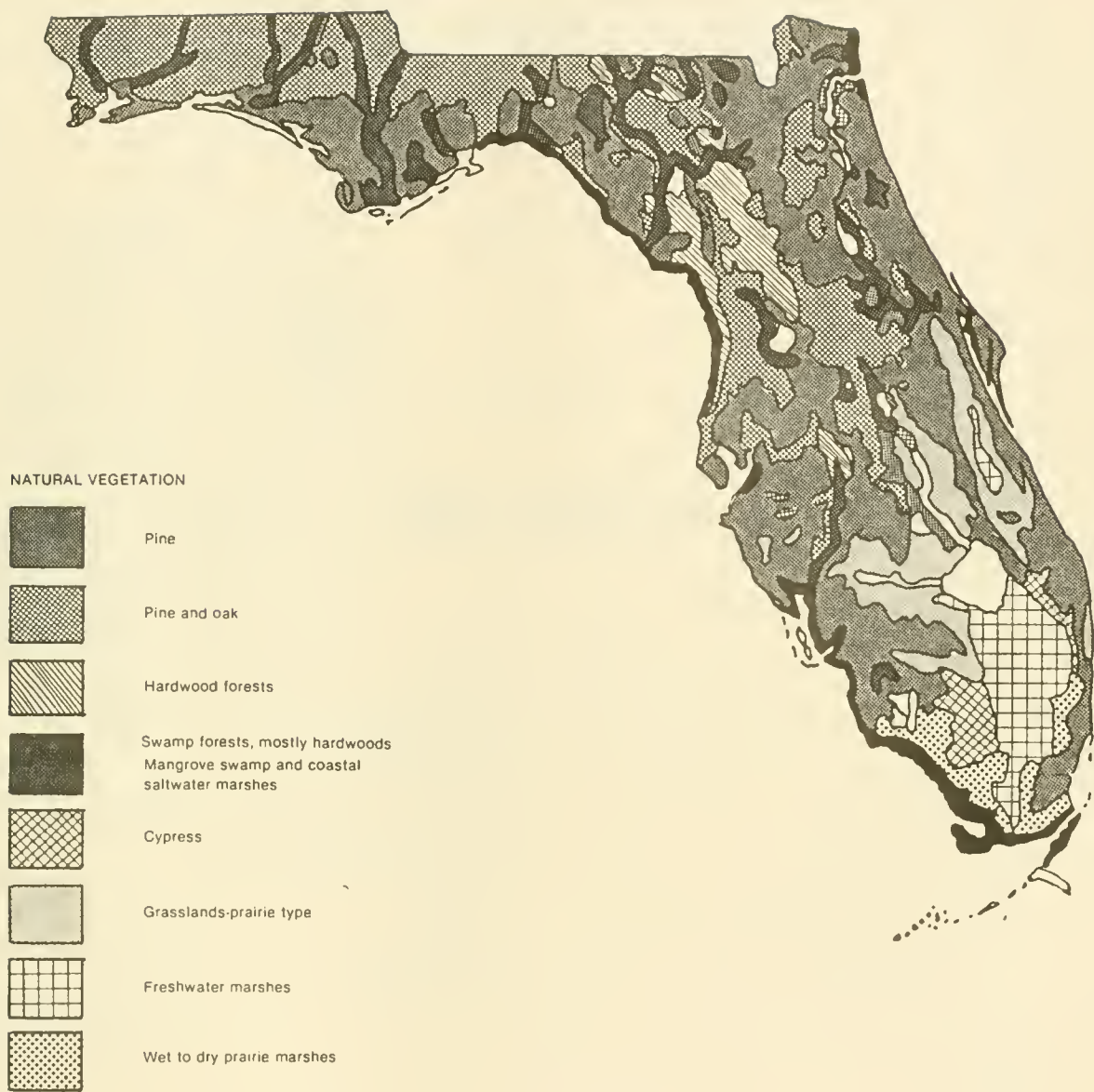


Figure 8. Natural vegetation of Florida (Wood and Fernald 1974).



## PUBLIC UTILITIES (PU)

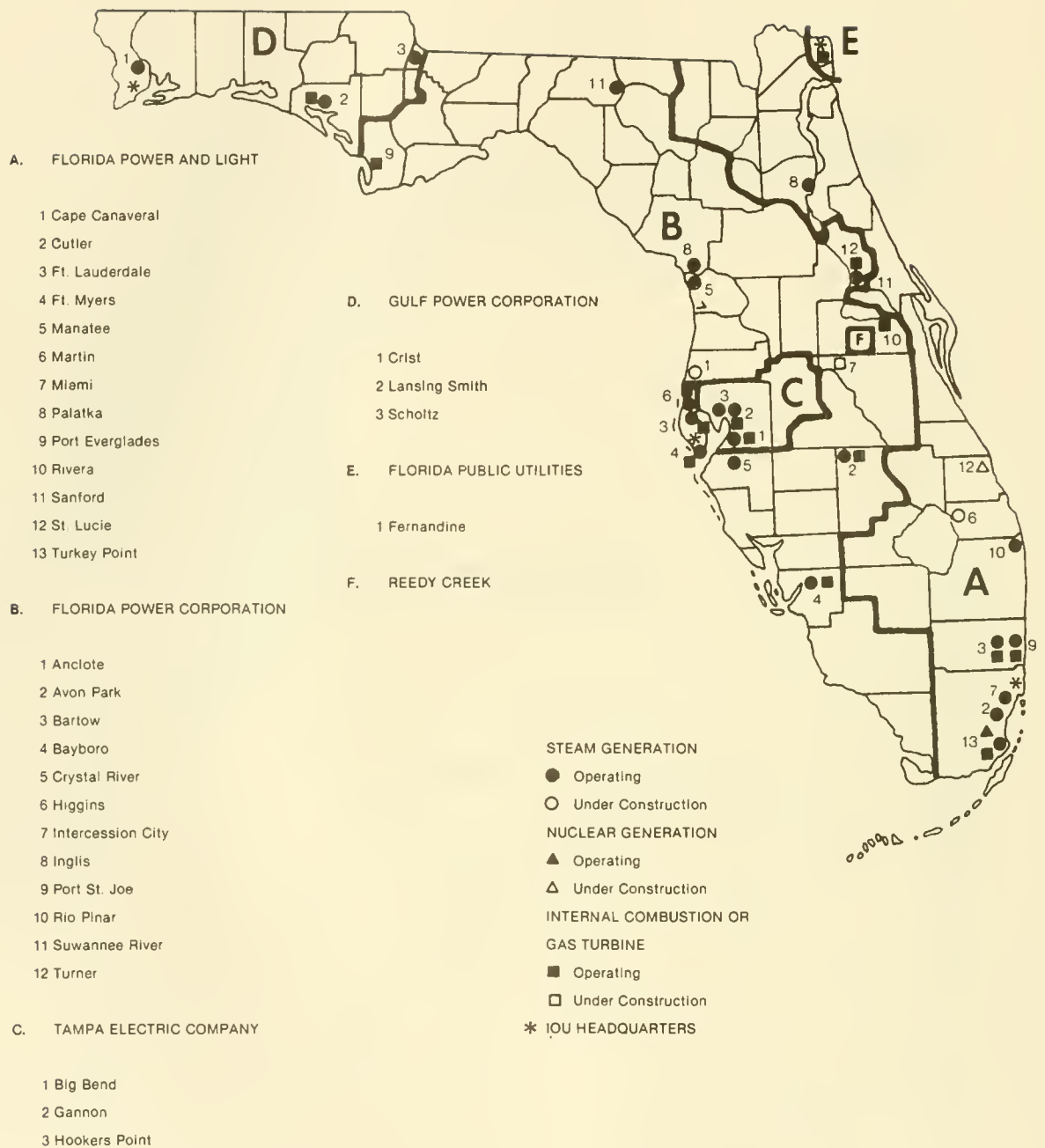


Figure 9. Privately owned utilities (Florida Public Service Commission 1979).



Figure 10. Publicly owned utilities (Florida Public Service Commission 1979).



Figure 11. Rural electric cooperatives (Florida Public Service Commission 1979).

Table PU 1. Counties served by electrical utilities in 1979 (Florida Public Service Commission, Research and Management Studies Department 1980).

County	Florida Power and Light	Florida Power Corporation	Tampa Electric Co.	Key West	Lee County <sup>a</sup>
Charlotte	X			X	
Collier	X			X	
DeSoto	X				
Hillsborough		X	X		
Lee	X			X	
Manatee	X				
Monroe	X		X		
Pasco		X	X		
Pinellas		X	X		
Sarasota	X				
County	Withlacoochee <sup>a</sup>	Florida Keys	Central Florida <sup>a</sup>	Peace River <sup>a</sup>	Sumter <sup>a</sup>
Charlotte					
Collier					
DeSoto				X	
Hillsborough				X	
Lee					
Manatee			X	X	
Monroe					
Pasco					X
Pinellas					
Sarasota				X	

<sup>a</sup> Non-generating rural electric cooperatives.

Table PU 2. Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatt-hour (kWh) for steam-electric plants in 1955 (U.S. Federal Power Commission ca. 1965c).

Generating plant	Net generation (million kWh)	Fuel consumed in 1955			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Florida Power Corp.					
Avon Park	242.00	0	0	436.50	2.51
Bayboro	349.90	0	0	745.50	2.16
Higgins	817.60	0	0	1,435.00	2.16
Inglis	204.70	0	0	471.20	2.24
Suwanee River	381.10	0	0	476.80	2.65
G.E. Turner	230.10	0	0	450.90	2.34
Florida Power and Light Co.					
Cutler	1,418.70	0	0	2,480.80	2.30
Lauderdale	269.40	0	0	620.20	2.23
Miami	279.00	0	0	608.20	2.24
Miami Beach	155.20	0	0	318.30	2.27
Palatka	252.50	0	0	490.90	2.31
Riviera	695.50	0	0	1,263.80	2.20
Sarasota	216.30	0	0	438.70	2.29

Continued

Table PU 2 . Continued .

Generating plant	Fuel consumed in 1955		Average Btu per kWh
	Gas		
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)	
Florida Power Corp.			
Avon Park	0	0	11,370
Bayboro	0	0	13,465
Higgins	0	0	11,100
Inglis	0	0	14,575
Suwanee River	0	0	11,885
G.E. Turner	0	0	12,265
Florida Power and Light Co.			
Cutler	0	0	11,059
Lauderdale	0	0	14,499
Miami	0	0	13,802
Miami Beach	0	0	12,954
Palatka	0	0	12,164
Riviera	0	0	11,493
Sarasota	0	0	12,737

Continued

Table PU 2. Concluded.

Generating plant	Net generation (million kWh)	Fuel consumed in 1955			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co. Pensacola (Crist) River Junction (Scholz) Utility Board of the City of Key West Tampa Electric Co. Hookers Point Peter O. Knight	456.60 398.10 58.30 1,053.10 225.50	0 174.90 0 0 0	0 6.75 0 0 0	0 0 138.20 1,940.90 552.60	0 0 2.58 2.15 2.15

Generating plant	Fuel consumed in 1955		
	Gas		Average
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)	Btu per kWh
Gulf Power Co. Pensacola (Crist) River Junction (Scholz) Utility Board of the City of Key West Tampa Electric Co. Hookers Point Peter O. Knight	5,949.00 0 0 0 0 0 0	19.99 0 0 0 0 0 0	13,028 11,433 0 0 0 11,773 15,664

Table PU 3. Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatt-hour (kWh) for steam-electric plants in 1960 (U.S. Federal Power Commission ca. 1961c).

Generating plant	Net generation (million kWh)	Fuel consumed in 1960			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Florida Power Corp.					
Avon Park	227.00	0	0	39.90	2.57
Bayboro	256.10	0	0	549.70	2.32
G.E. Turner	798.50	0	0	41.20	2.44
Higgins	621.90	0	0	1, 43.40	2.28
Inglis	140.60	0	0	57.10	2.48
P.L. Bartow	755.00	0	0	37.40	2.29
Suwanee River	366.80	0	0	18.00	2.91
Florida Power and Light Co.					
Cutler	1,846.20	0	0	495.40	2.34
Fort Myers	779.10	0	0	123.10	2.23
Lauderdale	1,958.70	0	0	840.10	2.33
Miami	219.10	0	0	370.80	2.36
Miami Beach	52.80	0	0	117.30	2.37
Palatka	516.20	0	0	461.50	2.13
Riviera	631.00	0	0	1,059.20	2.04
Port Everglades	695.90	0	0	1,079.60	2.05
Sanford	914.10	0	0	41.60	2.18
Sarasota	51.40	0	0	89.10	2.24
Continued					

Table PU 3 . Continued .

Generating plant	Fuel consumed in 1955			Average Btu per kWh
	Gas		Cost per 1000 ft <sup>3</sup> (\$)	
	Million ft <sup>3</sup>			
Florida Power Corp.				
Avon Park	0		0	12,879
Bayboro	549.70		2.32	13,617
G.E. Turner	0		0	11,118
Higgins	0		0	11,847
Inglis	1,475.80		35.20	13,825
P.L. Bartow	7,106.40		34.64	10,364
Suwanee River	3,768.80		37.96	11,112
Florida Power and Light Co.				
Cutler	17,780.30		34.80	11,316
Fort Myers	0		0	9,971
Lauderdale	16,239.10		34.90	10,983
Miami	656.10		34.80	13,636
Miami Beach	0		0	13,959
Palatka	2,291.00		34.80	11,252
Riviera	799.80		34.90	11,848
Port Everglades	0		0	9,755
Sanford	9,271.60		34.80	10,430
Sarasota	175.50		34.80	14,369

Continued

Table PU 3. Concluded.

Generating plant	Net generation (million kWh)	Fuel consumed in 1955			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co.					
Pensacola (Crist)	710.90	212.80	6.07	0	0
River Junction (Scholz)	364.90	166.00	7.50	0	0
Utility Board of the City of Key West	99.70	0	0	209.30	2.51
Tampa Electric Co.					
Hookers Point	686.90	0	0	1,349.00	2.21
Peter O. Knight	181.50	0	0	552.60	2.15
F.J. Gannon	1,629.10	725.70	7.78	0	0

Generating plant	Fuel consumed in 1955			Average Btu per kWh
	Million ft <sup>3</sup>	Gas		
		Cost per 1000 ft <sup>3</sup> (\$)		
Gulf Power Co.				
Pensacola (Crist)	2,322.40	29.67		23,886
River Junction (Scholz)	0	0		11,649
Utility Board of the City of Key West	0	0		0
Tampa Electric Co.				
Hookers Point	0	0		10,760
Peter O. Knight	0	0		15,957
F.J. Gannon	0	0		10,760

Table PU 4. Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatt-hour (kWh) for steam-electric plants in 1965 (U.S. Federal Power Commission 1966a).

Generating plant	Net generation (million kWh)	Fuel consumed in 1965			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Florida Power Corp.					
Avon Park	186.20	0	0	0	0
P.L. Bartow	2,413.00	0	0	3,489.20	2.31
Bayboro	186.30	0	0	412.50	2.37
Higgins	536.70	0	0	249.60	2.43
Suwanee	540.00	0	0	38.90	2.69
G.E. Turner	999.80	0	0	11.60	2.63
Florida Power and Light Co.					
Cape Kennedy	1,572.10	0	0	2,391.00	2.06
Fort Myers	457.50	0	0	746.70	2.25
Lauderdale	706.70	0	0	359.90	2.17
Palatka	427.50	0	0	0	0
Cutler	1,090.80	0	0	6.40	2.21
Port Everglades	5,565.80	0	0	8,491.90	2.06
Riviera	2,835.70	0	0	3,116.20	2.03
Sanford	576.00	0	0	198.30	2.14

Continued

Table PU 4 . Continued .

Generating plant	Fuel consumed in 1965		Average Btu per kWh
	Gas		
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)	
Florida Power Corp.			
Avon Park	2,143.90	31.99	11,922
P.L. Bartow	1,740.50	32.40	9,857
Bayboro	0	0	14,068
Higgins	4,759.50	32.18	12,051
Suwanee	5,578.40	36.51	11,327
G.E. Turner	10,789.60	32.28	11,190
Florida Power and Light Co.			
Cape Kennedy	0	0	9,537
Fort Myers	0	0	10,330
Lauderdale	5,360.70	34.50	10,830
Palatka	2,072.00	34.40	11,003
Port Everglades	0	0	9,606
Riviera	8,226.80	34.50	9,791
Sanford	4,969.10	34.50	10,776

Continued

Table PU 4 . Concluded .

Generating plant	Net generation (million kWh)	Fuel consumed in 1965			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co.					
Pensacola (Crist)	1,303.00	455.70	6.28	0	0
River Junction (Scholz)	267.90	128.20	7.44	0	0
Utility Board of the City of Key West	177.20	0	0	390.30	0
Lansing Smith	507.60	212.30	5.74	0	0
Tampa Electric Co.	627.60	0	0	1,272.20	2.07
Hookers Point	3,441.00	1,526.40	6.60	0	0
F.J. Gannon					
Generating plant	Fuel consumed in 1965				Average Btu per kWh
	Gas				
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)			
Gulf Power Co.					
Pensacola (Crist)	1,718.20	23.97			10,231
River Junction (Scholz)	0	0			12,041
Utility Board of the City of Key West	0	0			13,769
Tampa Electric Co.					
Hookers Point	0	0			12,775
F.J. Gannon	0	0			10,278

Table PU 5. Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatthour (kWh) for steam-electric plants in 1970 (U.S. Federal Power Commission 1972c).

Generating plant	Net generation (million kWh)	Fuel consumed in 1970			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Florida Power Corp.					
Avon Park	228.40	0	0	102.10	2.34
P.L. Bartow	2,987.00	0	0	4,325.20	1.71
Crystal River	3,503.30	1,072.30	6.85	1,707.10	1.83
Higgins	700.70	0	0	855.00	1.77
Suwanee	839.40	0	0	680.60	2.33
G.E. Turner	1,059.50	0	0	54.80	2.39
Florida Power and Light Co.					
Cape Kennedy	4,224.30	0	0	3,177.30	1.87
Cutler	858.00	0	0	215.60	2.26
Fort Myers	2,341.00	0	0	3,606.50	2.13
Lauderdale	1,655.00	0	0	764.70	1.89
Palatka	341.90	0	0	438.30	1.83
Port Everglades	6,798.90	0	0	6,660.20	2.09
Riviera	3,776.50	0	0	2,464.30	1.75
Sanford	600.70	0	0	817.30	1.88
Turkey Point	4,342.00	0	0	4,615.10	1.82

Continued

Table PU 5. Continued.

Generating plant	Fuel consumed in 1970		Average Btu per kWh
	Gas		
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)	
Florida Power Corp.			
Avon Park	2,134.90	38.67	12,404
P.L. Bartow	1,790.80	41.70	9,643
Crystal River			9,936
Higgins	2,944.30	41.16	12,006
Suwanee	4,967.60	36.31	11,259
G.E. Turner	11,545.70	39.30	11,504
Florida Power and Light Co.			
Cape Kennedy	21,748.60	36.60	9,873
Cutler	9,205.10	36.30	12,305
Fort Myers			9,745
Lauderdale	12,783.80	36.50	10,619
Palatka	1,317.30	37.30	11,850
Port Everglades	1,000.00	36.10	10,035
Riviera	23,114.60	36.60	10,308
Sanford	1,194.10	38.90	10,466
Turkey Point	13,232.80	36.30	9,691

Continued

Table PU 5. Concluded.

Generating plant	Net generation (million kWh)	Fuel consumed in 1970			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co.					
Pensacola (Crist)	2,555.60	351.00	7.56	0	0
River Junction (Scholz)	389.40	186.00	9.17	0	0
Lansing Smith	1,961.50	868.00	6.79	0	0
Tampa Electric Co.					
Hookers Point	960.90	0	0	1,903.30	1.77
F.J. Gannon	5,350.00	2,466.30	6.79	0	0
Generating plant		Fuel consumed in 1970			Average Btu per kWh
		Gas			
		Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)		
Gulf Power Co.					
Pensacola (Crist)	18,934.00		24.50	11,140	
River Junction (Scholz)	0		0	12,005	
Lansing Smith	0		0	10,011	
Tampa Electric Co.					
Hookers Point	0		0	12,473	
F.J. Gannon	0		0	10,356	

Table PU 6 . Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatt-hour (kWh) for steam-electric plants in 1975 (U.S. Department of Energy, energy Information Administration 1977) .

Generating plant	Net generation (million kWh)	Fuel consumed in 1975			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Florida Power Corp.					
Avon Park	9.90	0	0	2.70	5.36
P.L. Bartow	41.00	0	0	95.80	12.83
Bayboro	89.90	0	0	209.80	12.73
DeBarry	0.70	0	0	1.20	14.22
Higgins	18.40	0	0	1.00	11.61
Intercession City	243.10	0	0	553.80	13.58
Port St. Joe	1.10	0	0	3.40	9.21
Rio Pinar	0.40	0	0	1.30	15.11
Turner	66.80	0	0	153.80	15.86
Florida Power and Light Co.					
Fort Myers	718.00	0	0	1,620.90	12.31
Lauderdale	188.50	0	0	262.40	11.45
Port Everglades	239.90	0	0	409.80	12.02

Continued

Table PU 6 . Continued .

Generating plant	Fuel consumed in 1975			Average Btu per kWh
	Gas		Cost per 1000 ft <sup>3</sup> (\$)	
	Million ft <sup>3</sup>			
Florida Power Corp .				
Avon Park	145.90		159.59	16,709
P. L. Bartow	0		0	13,491
Bayboro	0		0	13,402
DeBarry	0		0	9,767
Higgins	284.40		160.68	16,291
Intercession City	0		0	13,105
Port St. Joe	0		0	17,286
Rio Pinar	0		0	18,372
Turner	0		0	13,364
Florida Power and Light Co .				
Fort Myers	0		0	13,112
Lauderdale	0		0	16,434
Port Everglades	0		0	15,674
			Continued	

Table PU 6. Concluded.

Generating plant	Net generation (million kwh)	Fuel consumed in 1975			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co. Smith-Turbine A Tampa Electric Co. Big Bend F.J. Gannon	13.80 159.10 13.30	0 0 0	0 0 0	384.30 384.30 40.00	12.37 12.37 12.38

Generating plant	Fuel consumed in 1975		
	Gas		Average Btu per kwh
	Million ft <sup>3</sup>	Cost per 1000 ft <sup>3</sup> (\$)	
Gulf Power Co. Smith-Turbine A Tampa Electric Co. Big Bend F.J. Gannon	0 0 0	0 0 0	14,363 13,992 17,387

Table PU 7. Net generation, amount, and price of fuel consumed, and British thermal unit (Btu) per kilowatt hour (kWh) for steam-electric plants in 1978 (U.S. Department of Energy, Energy Information Administration 1980).

Generating plant	Net generation (million kWh)	Fuel consumed in 1978			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl )	Cost per bbl (\$)
Florida Power Corp.					
Anclote	3,202.40	0	0	4,967.00	12.00
Avon Park	212.60	0	0	48.00	12.00
P.L. Bartow	2,819.70	0	0	3,365.00	11.00
Higgins	614.30	0	0	1,000.00	11.00
Suwanee	778.50	0	0	1,066.00	12.00
G.E. Turner	850.50	0	0	499.00	12.00
Crystal River	4,058.70	1,005.00	39.00	2,856.00	11.00
Florida Power and Light Co.					
Cape Canaveral	4,311.50	0	0	3,358.00	11.00
Fort Myers	2,410.90	0	0	3,787.00	12.00
Lauderdale	1,132.90	0	0	996.00	12.00
Manatee	5,443.50	0	0	8,770.00	12.00
Port Everglades	6,061.10	0	0	6,616.00	12.00
Putnam Comb. Cyle	569.90	0	0	1,031.00	14.00
Riviera	2,705.50	0	0	1,579.00	12.00
Sanford	3,604.10	0	0	5,399.00	12.00
Turkey Point	4,205.60	0	0	4,341.00	12.00

Continued

Table PU 7. Continued.

Generating plant	Net generation (million kwh)	Fuel consumed in 1978			
		Coal		Oil	
		1000 tons	Cost per ton (\$)	1000 bbl	Cost per bbl (\$)
Gulf Power Co.					
Pensacola (Crist)	3,716.90	1,491.00	31.00	145.00	12.00
River Junction (Scholz)	444.60	220.00	37.00		
Lansing Smith	1,986.70	901.00	32.00	8.00	16.00
Tampa Electric Co.					
Big Bend	5,542.90	2,482.00	35.00	0	0
F.J. Gannon	4,589.70	1,091.00	36.00	3,515.00	12.00
Hookers Point	563.10	0	0	1,195.00	12.00
Generating plant	Million ft <sup>3</sup>	Fuel consumed in 1978		Average	
		Gas		Btu per kwh	
		Cost per 1000 ft <sup>3</sup> (\$)			
Gulf Power Co.					
Pensacola (Crist)	9,141.00	15.00		11,921	
River Junction (Scholz)	0	0		12,116	
Lansing Smith	0	0		10,518	
Tampa Electric Co.					
Big Bend	0	0		10,202	
F.J. Gannon	0	0		10,259	
Hookers Point	0	0		13,425	

Continued

Table PU 7. Concluded.

Generating plant	Net generation (million kWh)	Grams used	Cost per gram	Average Btu per kWh
Florida Power Corp. Crystal River (nuclear)	2,592.10	215,291	27.00	10,510
Florida Power and Light Co. Turkey Point (nuclear)	8,273.20	1,515,000	10.00	11,545
St. Lucie (nuclear)	5,000.20	1,030,000	12.00	11,171

Table PU 8. Sales by generating utilities to final consumers from 1955 to 1977 (U.S. Federal Power Commission ca. 1956a, ca. 1956b, ca. 1961a, ca. 1961b, ca. 1966b, 1971a, 1971b, 1972a, 1972b, 1973a, 1973b, 1974b, ca. 1974c, ca. 1975a, ca. 1975b, ca. 1976a, ca. 1976b; U.S. Department of Energy, Energy Information Administration 1978b, 1979b, 1979c).

Generating utilities	Sales (1,000 kWh) by class of customer		
	Residential	Commercial and industrial	Other
1955			
Florida Power Corp.	489,691	810,682	75,774
Florida Power and Light Co.	1,416,204	1,487,113	173,208
Gulf Power Co.	218,440	406,637	3,259
Tampa Electric Co.	346,423	781,712	60,584
City of Key West	23,164	31,628	2,706
1960			
Florida Power Corp.	1,115,400	1,389,603	127,222
Florida Power and Light Co.	3,086,018	3,384,276	363,892
Gulf Power Co.	407,562	733,146	5,504
Tampa Electric Co.	692,779	1,486,763	120,815
City of Key West	38,524	49,652	5,519
			93,697

Continued

Table PU 8. Continued.

Generating utilities	Sales (1,000 kWh) by classs of customer			
	Residential	Commercial	Industrial	Other
1965				Total
Florida Power Corp.	1,803,163	1,019,706	1,190,612	4,219,916
Florida Power and Light Co.	5,539,803	3,793,056	1,719,306	11,835,756
Gulf Power Co.	677,088	406,765	743,756	1,836,964
Tampa Electric Co.	1,079,211	247,046	2,381,060	3,903,472
City of Key West	56,941	103,617	422	169,591
1970				
Florida Power Corp.	3,696,115	1,844,192	1,912,379	7,777,130
Florida Power and Light Co.	11,814,172	6,475,639	2,044,013	22,329,082
Gulf Power Co.	1,306,042	679,105	1,067,629	3,065,618
Tampa Electric Co.	2,019,513	1,040,568	2,772,105	6,174,103
City of Key West	90,278	180,715	0	283,687
1971				
Florida Power Corp.	4,133,335	2,134,106	2,029,686	8,650,764
Florida Power and Light Co.	13,080,408	7,394,967	2,236,290	24,841,322
Gulf Power Co.	1,425,040	751,482	1,163,748	3,353,634
Tampa Electric Co.	2,200,274	1,165,324	2,717,704	6,480,914
City of Key West	96,573	185,434	0	297,586

Continued

Table PU 8. Continued.

Generating utilities	Sales (1,000 kWh) by class of customer			
	Residential	Commercial	Industrial	Other Total
1972				
Florida Power Corp.	4,717,235	2,403,398	2,196,766	376,302 9,693,801
Florida Power and Light Co.	14,652,751	8,389,495	2,468,342	2,295,132 27,805,720
Gulf Power Co.	1,601,686	860,022	1,308,145	12,040 3,781,893
Tampa Electric Co.	2,415,565	1,335,174	2,784,326	433,757 6,968,822
City of Key West	105,537	192,130	0	18,130 315,796
1973				
Florida Power Corp.	5,793,242	2,836,292	2,349,572	402,733 11,381,839
Florida Power and Light Co.	16,822,972	10,180,485	2,754,968	1,358,641 31,117,070
Gulf Power Co.	1,800,121	946,221	1,381,421	9,318 4,137,082
Tampa Electric Co.	2,843,497	1,524,899	3,003,586	471,159 7,843,142
City of Key West	N.D.	N.D.	N.D.	N.D. N.D.
1974				
Florida Power Corp.	5,285,716	2,935,162	2,421,715	375,277 11,017,870
Florida Power and Light Co.	16,802,406	11,041,205	2,645,724	746,990 31,236,325
Gulf Power Co.	1,834,947	968,814	1,325,058	12,933 4,141,751
Tampa Electric Co.	2,827,811	1,639,687	3,101,695	462,250 8,031,443
City of Key West	114,354	188,266	0	11,774 314,394

Continued

Table PU 8 . Concluded .

Generating utilities	Sales (1,000 kWh) by class of customer			
	Residential	Commercial	Industrial	Other Total
1975				
Florida Power Corp.	5,411,991	3,187,479	2,479,378	375,754 11,454,601
Florida Power and Light Co.	17,312,500	11,850,752	2,534,484	809,421 32,507,157
Gulf Power Co.	1,888,855	1,040,678	1,339,523	12,950 4,282,007
Tampa Electric Co.	2,906,472	1,766,970	3,296,792	499,256 8,469,490
City of Key West	102,576	189,393	0	6,905 298,873
1976				
Florida Power Corp.	5,750,889	3,298,036	2,690,524	429,578 12,169,027
Florida Power and Light Co.	17,625,343	12,117,063	2,596,480	789,870 33,128,756
Gulf Power Co.	2,046,577	1,127,674	1,435,467	12,955 4,622,674
Tampa Electric Co.	2,910,939	1,803,882	3,563,742	521,943 8,800,505
City of Key West	110,406	184,943	0	7,264 302,614
1977				
Florida Power Corp.	6,373,899	3,526,562	2,813,000	467,607 13,181,069
Florida Power and Light Co.	19,073,674	12,885,079	2,756,289	802,570 35,519,614
Gulf Power Co.	2,156,383	1,206,666	1,494,138	13,958 4,871,145
Tampa Electric Co.	3,139,441	1,904,262	4,007,816	550,877 9,602,396
City of Key West	N.D.	N.D.	N.D.	N.D.

Table PU 9. Sales by non-generating rural electric cooperatives to final consumers in 1975 and 1978 (Florida Public Service Commission, Research and Management Studies Department 1979, 1980).

Generating utilities	Sales (1,000 kWh) by class of customer			
	Residential	Commercial	Industrial	Other
1975				
Central Florida	64,196	8,034	2,453	1,971
Choctawhatchee	77,509	36,224	162	2,044
Escambia River	48,912	5,569	4,174	4,195
Gulf Coast	45,445	6,305	3,446	990
Lee County	370,719	183,972	14,605	7,636
Peace River	67,617	10,619	5,813	12,536
Sumter	206,910	29,567	29,151	6,053
Talquin	175,214	20,840	19,784	2,135
West Florida	118,062	8,175	825	3,195
Withlahoochee River	293,062	49,559	23,640	13,375
1978				
Central Florida	0	12,209	2,501	85,556
Choctawhatchee	95,352	42,013	0	311
Escambia River	0	5,847	4,661	64,037
Gulf Coast	57,021	6,716	5,187	1,075
Lee County	529,466	270,651	0	7,387
Peace River	0	14,609	6,819	96,566
Sumter	220,553	32,327	45,338	57,488
Talquin	0	25,528	32,000	225,145
West Florida	0	11,278	2,127	148,759
Withlahoochee River	388,992	63,259	53,831	45,901
				100,266
				137,676
				74,545
				69,999
				807,504
				117,894
				355,706
				282,673
				162,164
				551,983

Table PU 10. Initial year of operation for steam electric plants serving the region in 1978 (U.S. Department of Energy, Energy Information Administration 1980).

Company	Plant	Initial year of plant operation
Florida Power and Light Co.	Cape Kennedy	1965
	Fort Meyers	1958
	Lauderdale	1926
	Manatee	1976
	Port Everglades	1960
	Putnam Combination Cycle	1977
	Riviera	1946
	St. Lucie (nuclear)	1976
	Sanford	1926
	Turkey Point	1967
Florida Power Corp.	Turkey Point (nuclear)	1972
	Anclote	1974
	Avon Park	1928
	P.L. Bartow	1958
	Crystal River	1969
	Crystal River (nuclear)	1977
	Higgins	1952
	Suwanee	1953
	G.E. Turner	1926
Gulf Power Co.	Pensacola (Crist)	1945
	River Junction (Scholz)	1953
	Lansing Smith	1965
Tampa Electric Co.	Big Bend	1976
	F.J. Gannon	1957
	Hookers Point	1965

Table PU 11. Initial year of operation for gas turbine electric plants serving the region in 1977 (U.S. Department of Energy, Energy Information Administration 1980).

Company	Plant	Initial year of plant operation
Florida Power and Light Co.	Fort Myers	1974
	Lauderdale	1970
	Port Everglades	1971
Florida Power Corp.	Avon Park	1968
	P.L. Bartow	1972
	Bayboro	1973
	DeBarry	1975
	Higgins	1969
	Intercession City	1974
	Port St. Joe	1970
	Rio Pinar	1970
Gulf Power Co.	G.E. Turner	1970
	Smith-Turbine A	1971
Tampa Electric Co.	Big Bend	1969
	F.J. Gannon	1969



Figure 12. Transmission interconnection network (U.S. Department of Energy 1978).

Table PU 12. Major interconnections for bulk power transactions for the Florida subregion<sup>a</sup> (U.S. Federal Energy Regulatory Commission 1980).

Generating investor-owned systems	
System	Interconnections
Florida Power Corp.	Georgia Power Co. Tampa Electric Co. Florida Power and Light Co. Gulf Power Co. Southeast Power Administration Orlando Utility Commission Tallahassee Electric Department Gainesville, Alachua County Regional Utilities Board City of Kissimmee Lakeland Department of Electric and Water Utilities Sebring Utilities Commission
Florida Power and Light Co.	Florida Power Corp. Jacksonville Electric Authority Tampa Electric Co. Orlando Utility Commission Vero Beach Municipal Utilities New Smyrna Beach Utility Commission Fort Pierce Utility Authority Lake Worth Utility Authority Homestead Municipal Electric Department
Tampa Electric Co.	Florida Power Corp. Florida Power and Light Co. Lakeland Department of Electric and Water Utilities

Continued

Table PU 12. Continued.

Generating municipal systems	
System	Interconnections
Key West Utility Board	U.S. Naval Air Station
Generating rural electrical cooperatives	
System	Interconnections
Florida Keys Electric Cooperative Association Inc.	Seminole Electric Cooperative Southeast Power Administration Florida Power Corp.
Nongenerating rural electric cooperatives	
System	Power supplier
Central Florida Electrical Cooperative, Inc.	Seminole Electric Cooperative Southeast Power Administration Florida Power Corp.
Lee County Electrical Cooperative, Inc.	Seminole Electric Cooperative Florida Power Corp. Florida Power and Light Co.
Peace River Electrical Cooperative, Inc.	Florida Power Corp. Florida Power and Light Co. Tampa Electric Co.
Sumter Valley Electrical Cooperative, Inc.	Seminole Electric Cooperative Florida Power Corp.

Continued

Table PU 12 . Concluded .

Nongenerating rural electric cooperatives	
System	Power supplier
Talquin Electrical Cooperative, Inc.	Southeast Power Administration Seminole Electric Cooperative Florida Power Corporation
Withlacoochee River Electrical Cooperative, Inc.	Florida Power Corporation Seminole Electric Cooperative
Other generating systems	
System	Interconnections
Southeast Power Administration	Florida Power Corp.

<sup>a</sup> The Florida subregion consists of all Florida counties except Escambia, Santa Rosa, Okaloosa, Holmes, Washington, Jackson, Bay, Calhoun and Gulf.

Table PU 13. Major interconnections for bulk power transactions for the southern subregion<sup>a</sup> (U.S. Federal Energy Regulatory Commission 1980).

Generating investor-owned systems	
System	Interconnections
Gulf Power Co.	Alabama Power Co. Florida Power Corp. Georgia Power Co.
Generating rural electrical cooperatives	
System	Interconnections
Alabama Electric Cooperative, Inc.	Alabama Power Co. Southeast Power Administration
Nongenerating rural electrical cooperatives	
System	Power supplier
Choctawatchee Electrical Cooperative, Inc.	Alabama Electric Cooperative, Inc.
Escambia River Electrical Cooperative, Inc.	Gulf Power Co. Southeast Power Administration
Gulf Coast Electrical Cooperative, Inc.	Alabama Electric Cooperative, Inc.
West Florida Electrical Cooperative, Association	Gulf Power Co. Southeast Power Administration

<sup>a</sup> The southern subregion consists of Georgia, Alabama, part of Mississippi and Escambia, Santa Rosa, Okaloosa, Holmes, Washington, Jackson, Bay, Calhoun and Gulf Counties in Florida.

TRANSPORTATION (TRANS)

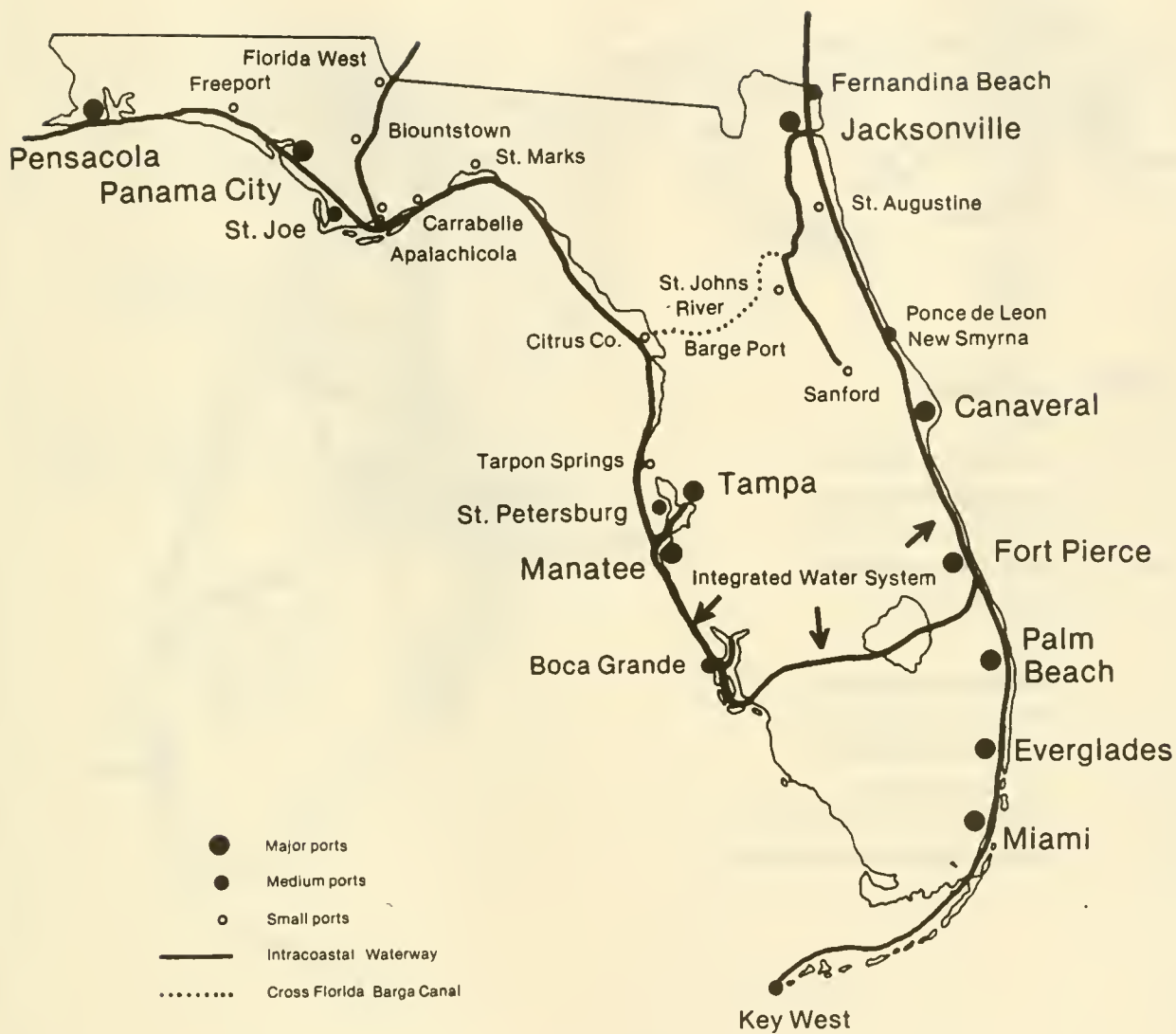


Figure 13. Ports and waterways in Florida (Florida Department of Transportation 1978b).

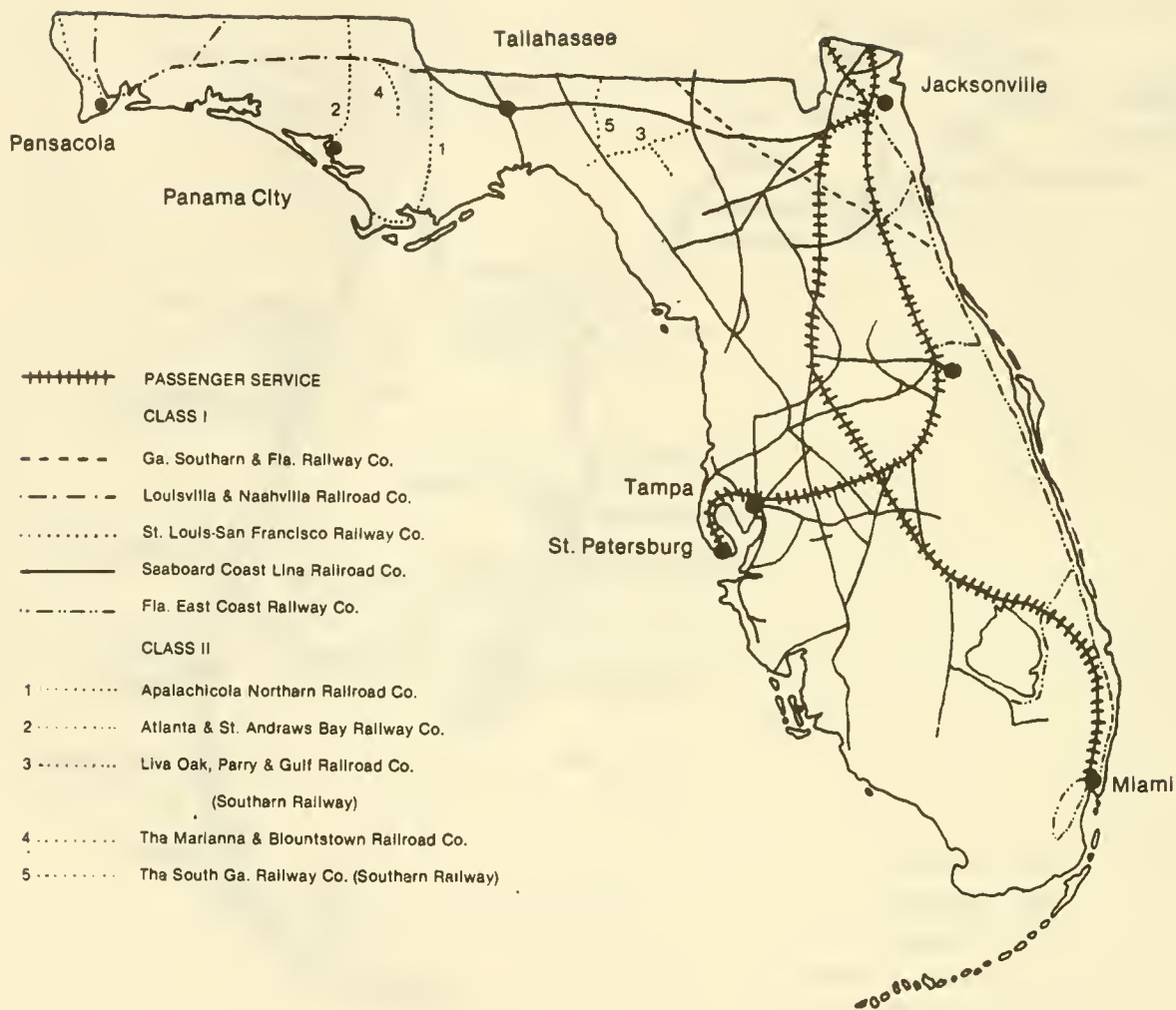


Figure 14. Passenger and freight railroads in Florida (Florida Department of Transportation 1978a).

Table TRANS 1. Identification and classification of ports,<sup>a</sup> including beginning dates of operation under jurisdiction of local port authorities (Florida Department of Transportation 1978b).

Port and classification	Size (acres)	Date operations began
Major ports		
Port of Manatee	675.0	1971
Port of Tampa	567.5	1945
Medium ports		
Port Charlotte	N.D.	N.D.
Port of St. Petersburg	N.D.	N.D.

<sup>a</sup> No small ports.

<sup>b</sup> Under the port authority.

Table TRANS 2. Port tonnage<sup>a</sup> (short tons<sup>b</sup>) for 1960, 1965, 1970, 1975 and 1978 (U.S. Army Corps of Engineers 1962, 1967, 1972, 1977, 1980).

Port	Year				
	1960	1965	1970	1975	1978
Tampa	13,993,458	19,185,970	30,808,939	39,718,000	47,009,311
St. Petersburg	577,631	347,449	467,682	332,000	234,289
Boca Grande	1,346,054	1,832,424	2,588,715	2,260,000	1,747,521
(Port Charlotte)					
Port Manatee	22,032	47,702	86,216	260	13,270

<sup>a</sup> Figures do not reflect within port movement.

<sup>b</sup> Short ton equals 2,000 lb.

Table TRANS 3. Florida port accessibility by mode of transportation in 1978 (Florida Department of Transportation 1978b).

Port	Highway	Rail	Air	Waterway	Pipeline
Port of Manatee	X	X		X	X
Port of Tampa	X	X	X	X	
Port of Boca Grande	X		X	barge only	
(Port Charlotte)					
Port of St. Petersburg	X		X		

Table TRANS 4. Sources of funding for major ports as of 1978 (Florida Department of Transportation 1978b) .

Port	Under city control	Under county control	Under independent charter	Tariff fees	Leases	Bonds	Grants
Port of Manatee		X		X	X	X	
Port of Tampa			X	X	X	X	

Port	Annual city appropriation	Taxing	Race track pledge
Port of Manatee			
Port of Tampa		X	X

Table TRANS 5. Port of Tampa freight traffic (short tons) in 1960 (U.S. Army Corps of Engineers 1962).

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
Total	14,786,470	965,993	4,380,805	5,414,563	1,782,464	279,776	1,169,657
005 Animals, edible	1,084	0	1,084	0	0	0	0
010 Meat and products, fresh	2,774	637	2,137	0	0	0	0
017 Meat and products, nec <sup>a</sup>	40	0	11	29	0	0	0
018 Meat and product including canned, nec	510	510	0	0	0	0	0
020 Animal oils and fats, edible	27	0	27	0	0	0	0
033 Condensed and evaporated milk	21	0	21	0	0	0	0
035 Dried milk	202	0	202	0	0	0	0
037 Cheese	27	26	1	0	0	0	0
040 Fish and products, fresh	1,399	123	0	0	0	0	607
045 Fish and products, nec	26	0	0	26	0	0	0
047 Fish and product including canned, nec	491	491	0	0	0	0	0
049 Shellfish and products	6,092	2,223	0	0	0	0	0
050 Eggs and egg products	4	0	4	0	0	0	0
060 Hides and skins, raw	58	5	53	0	0	0	0
065 Leather and manufactures	392	10	16	22	344	0	0

Continued

Table TRANS 5. Continued.

Commodity classification		Intraport	Local
Total		200	793,012
005 Animals, edible		0	0
010 Meat and products, fresh		0	0
017 Meat and products, nec		0	0
018 Meat and products including canned nec		0	0
020 Animal oils and fats, edible		0	0
033 Condensed and evaporated milk		0	0
035 Dried milk		0	0
037 Cheese		0	0
040 Fish and products, fresh		200	469
045 Fish and products, nec		0	0
047 Fish and product including canned nec		0	0
049 Shellfish and products		0	3,869
050 Eggs and egg products		0	0
060 Hides and skins, raw		0	0
065 Leather and manufactures		0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
094 Shells, unmanufactured	1,504,311	315	0	5	0	0	829,541
095 Animal products, inedible, nec	6,238	614	5,624	0	0	0	0
100 Corn	84,508	0	0	6,656	0	77,852	0
101 Rice	131	2	23	20	86	0	0
103 Wheat	789	0	0	0	22	767	0
104 Oats	34,373	0	0	4,388	0	29,985	0
107 Wheat flour	9,547	0	128	0	0	9,419	0
108 Grain sorghums	44	0	0	0	44	0	0
109 Flour, grain prepared, nec	249	2	227	20	0	0	0
110 Animal feed, nec	7,859	7,424	264	18	153	0	0
120 Vegetables and prepared, fresh	80	23	48	0	9	0	0
123 Vegetables and prepared, canned	2,907	0	248	2,653	6	0	0
125 Vegetables and prepared, including canned nec	115	115	0	0	0	0	0
127 Vegetables and prepared nec	3	0	3	0	0	0	0
130 Fruits and prepared, fresh	3,215	890	2,295	30	0	0	0
132 Bananas, fresh	98,605	98,605	0	0	0	0	0
133 Fruits and prepared, dried	486	0	0	486	0	0	0
135 Fruits and prepared, canned	12,045	0	5,911	6,046	88	0	0
	12,045	0	5,911	6,046	88	0	0

Continued

Table TRANS 5. Continued.

Commodity classification		Intraport	Local
094	Shells, unmanufactured	0	674,450
095	Animal products, inedible, nec	0	0
100	Corn	0	0
101	Rice	0	0
103	Wheat	0	0
104	Oats	0	0
107	Wheat flour	0	0
108	Grain sorghums	0	0
109	Flour, grain prepared nec	0	0
110	Animal feed, nec	0	0
120	Vegetables and prepared, fresh	0	0
123	Vegetables and prepared, canned	0	0
125	Vegetables and prepared including canned, nec	0	0
127	Vegetables and prepared, nec	0	0
130	Fruits and prepared, fresh	0	0
132	Bananas, fresh	0	0
133	Fruits and prepared, dried	0	0
135	Fruits and prepared, canned	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign		Domestic			
	Total	Imports	Exports	Coastwise		Internal
				Receipts	Shipments	
136 Fruit juices	31,542	150	28,165	2,443	784	0
137 Fruits and prepared, nec	484	0	39	445	0	0
138 Fruits, prepared including canned, nec	5,239	5,239	0	0	0	0
140 Nuts and prepared	1,165	1,151	0	14	0	0
150 Vegetable oils, fats, edible	2,101	145	1,956	0	0	0
160 Coffee, raw or green	953	263	0	195	495	0
165 Tea	3	3	0	0	0	0
170 Spices	2	2	0	0	0	0
180 Sugar	31,420	17,799	0	7,779	0	5,842
185 Molasses, sugar products, edible	196	38	158	0	0	0
190 Liquors and wines	4,007	2,622	43	1,322	20	0
195 Beverages and syrups, nec	89	3	86	0	0	0
199 Groceries and food, nec	25,228	0	0	1,043	24,185	0
200 Rubber, crude, and allied gums	230	0	0	16	214	0
205 Rubber tires and inner tubes	271	233	2	36	0	0
207 Rubber manufactures, nec	187	100	87	0	0	0
210 Naval stores, gums, and resins	10,497	9	10,470	0	18	0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign			Domestic			
	Total	Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
240 Oils, fats, waxes, vegetables, crude	847	0	827	20	0	0	0
260 Seeds, except oilseeds	2	1	1	0	0	0	0
280 Tobacco, unmanufactured	2,639	2,424	205	0	0	0	0
285 Tobacco, manufactured	25	3	22	0	0	0	0
290 Molasses, inedible	3,666	3,666	0	0	0	0	0
297 Vegetable products, inedible, nec	118	56	52	10	0	0	0
310 Cotton semi-manufactures	20	0	20	0	0	0	0
320 Cotton manufactures	90	52	38	0	0	0	0
328 Vegetable fibers, unmanufactured, nec	12	2	10	0	0	0	0
331 Burlap and jute bagging	68	0	6	0	62	0	0
335 Vegetable fiber manufactures, nec	162	118	43	0	0	0	0
350 Wool manufactures	84	75	9	0	0	0	0
381 Man-made fibers and manufactures	197	8	136	53	0	0	0
390 Textile products, nec	197	135	20	15	27	0	0
405 Posts, poles, and piling	92	84	5	2	1	0	0
408 Wood, nonmanufactured, nec	51	51	0	0	0	0	0
413 Lumber and shingles	26,804	2,877	905	22,981	27	0	12
416 Plywood, veneers, continued materials	4,144	3,879	265	0	0	0	0
421 Wood manufactures, nec	342	257	84	1	0	0	0
430 Cork and manufactures	2	2	0	0	0	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Intraport	Local
240 Oils, fats, waxes, vegetables, crude	0	0
260 Seeds, except oilseeds	0	0
280 Tobacco, unmanufactured	0	0
285 Tobacco, manufactured	0	0
290 Molasses, inedible	0	0
297 Vegetable products, inedible, nec	0	0
310 Cotton semi-manufactures	0	0
320 Cotton manufactures	0	0
328 Vegetable fibers, unmanufactured, nec	0	0
331 Burlap and jute bagging	0	0
335 Vegetable fiber manufactures, nec	0	0
350 Wool manufactures	0	0
381 Man-made fibers and manufactures	0	0
390 Textile products, nec	0	0
405 Posts, poles, and piling	0	0
408 Wood, nonmanufactured, nec	0	0
413 Lumber and shingles	0	2
416 Plywood, veneers, continued materials	0	0
421 Wood manufactures, nec	0	0
430 Cork and manufactures	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign			Domestic			
	Total	Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
441 Wood pulp	14,055	0	14,055	0	0	0	0
445 Paper base stocks, nec	921	0	921	0	0	0	0
450 Standard newsprint paper	10,007	10,007	0	0	0	0	0
457 Paper and manufactures, nec	3,402	65	779	1,526	232	0	0
502 Bituminous coal and lignite	589,179	0	0	589,179	0	0	0
507 Gasoline	1,936,369	0	0	1,920,035	0	0	16,334
510 Gas oil, distillate fuel oil	505,602	0	0	505,265	0	142	195
511 Petroleum, crude	72	0	0	72	0	0	0
512 Jet fuel, all types	208,190	0	0	208,190	0	0	0
513 Kerosene	276,809	0	12	274,621	0	118	2,058
514 Residual fuel oil	1,181,406	177,393	1,016	912,710	0	0	0
516 Petroleum asphalt	150,111	0	0	125,470	0	24,614	0
518 Aliphatic naphtha	20,105	0	0	20,105	0	0	0
519 Lubricating oils and greases	22,318	0	37	22,104	177	0	0
520 Petroleum products, nec	57,485	0	10	47,444	31	0	0
523 Building cement	74,946	73,694	157	0	0	0	1,095
526 Stone and manufactures, nec	12,783	603	14	0	0	0	10,361
530 Glass and glass products	7,330	4,983	2,289	0	58	0	0
540 Clays and earths	191	0	191	0	0	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
543 Brick and tile	2,759	1,047	0	0	0	0	0
547 Clay products, nec	163	149	1	13	0	0	0
548 Gypsum or plaster rock	27,384	27,384	0	0	0	0	0
549 Sulphur, liquid	209,222	0	0	209,222	0	0	0
550 Sulphur, dry	584,516	278,885	0	305,550	81	0	0
551 Limestone, crushed	914	0	0	0	0	0	914
554 Sand, gravel, crushed rock	5,071	2,255	0	0	0	0	2,816
555 Nonmetallic minerals, manufactures, nec	38,328	2,273	55	20,387	0	15,613	0
600 Iron ore and concentrates	20	0	0	20	0	0	0
602 Iron and steel scrap	98,839	0	96,390	0	0	0	2,449
603 Iron, steel							
semi-finished products	3,469	3,384	0	85	0	0	0
606 Tools and basic hardware	6,080	6,072	8	0	0	0	0
607 Kitchen and hospital utensils	70	70	0	0	0	0	0
608 Iron and steel pipe	10,955	6,336	18	4,601	0	0	0
609 Rolled, finished steel mill products	101,575	52,120	2,218	19,167	1,155	26,735	130
611 Metal manufactures, <sup>b</sup> parts, nec excluding Sci	196	0	196	0	0	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
851 Other nitrogenous fertilizer materials	262,738	81,280	0	98,278	0	83,180	0
852 Phosphate rock	5,601,734	0	3,854,330	0	1,492,895	0	254,509
853 Phosphate fertilizer material	29	29	0	0	0	0	0
854 Superphosphate	584,071	0	290,122	0	250,991	0	42,958
855 Potash fertilizer materials	29,144	15,331	112	13,701	0	0	0
859 Fertilizer and materials, nec	62,430	39,624	15,237	5,706	1,863	0	0
860 Miscellaneous chemical products	16	0	0	16	0	0	0
865 Soap and toilet preparations	2	0	2	0	0	0	0
900 Commodities, nec	12,666	172	0	4,857	7,462	25	148
901 Commodities, nec excluding SCi	17	0	17	0	0	0	0
920 U.S. articles returned	565	565	0	0	0	0	0
926 Ice	21,838	0	0	0	0	80	0
980 Low-valued shipments	9,146	0	9,146	0	0	0	0
999 Department of Defense and SCi	19	0	19	0	0	0	0

Continued

Table TRANS 5. Continued.

Commodity classification		Intraport	Local
441	Wood pulp	0	0
445	Paper base stocks, nec	0	0
450	Standard newsprint paper	0	0
457	Paper and manufactures, nec	0	0
502	Bituminous coal and lignite	0	0
507	Gasoline	0	0
510	Gas oil, distillate fuel oil	0	0
511	Petroleum, crude	0	0
512	Jet fuel, all types	0	0
513	Kerosene	0	0
514	Residual fuel oil	0	90,287
516	Petroleum asphalt	0	0
518	Aliphatic naphtha	0	0
519	Lubricating oils and greases	0	0
520	Petroleum products, nec	0	0
523	Building cement	0	0
526	Stone and manufactures, nec	0	1,805
530	Glass and glass products	0	0
540	Clays and earths	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Intraport	Local
543 Brick and tile	0	0
547 Clay products, nec	0	0
548 Gypsum or plaster rock	0	0
549 Sulphur, liquid	0	0
550 Sulphur, dry	0	0
551 Limestone, crushed	0	0
554 Sand, gravel, crushed rock	0	0
555 Nonmetallic minerals, manufactures, nec	0	0
600 Iron ore and concentrates	0	0
602 Iron and steel scrap	0	0
603 Iron, steel	0	0
semi-finished products	0	0
606 Tools and basic hardware	0	0
607 Kitchen and hospital utensils	0	0
608 Iron and steel pipe	0	0
609 Rolled, finished steel mill products	0	50
611 Metal manufactures, parts, nec excluding Sci	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign			Domestic		
	Total	Imports	Exports	Coastwise		Internal
				Receipts	Shipments	Receipts Shipments
612 Metal manufactures, nec and parts	1,247	527	0	446	274	0 0
615 Ferroalloys, ores, metals, nec	1,060	0	1,060	0	0	0 0
617 Aluminum ores, concentrated scrap	2,113	0	2,094	0	19	0 0
618 Aluminum metal and alloys	139	120	18	0	1	0 0
620 Copper ore, concentrated scrap	2,369	0	2,369	0	0	0 0
622 Refined copper in crude forms	17	0	17	0	0	0 0
624 Copper semifabricated forms	289	100	0	163	26	0 0
632 Copper alloy forms and scrap	2,860	0	2,698	162	0	0 0
642 Lead and alloys	611	604	7	0	0	0 0
652 Nickel ore, concentrated scrap forms	22	0	22	0	0	0 0
670 Zinc ore, concentrated and scrap	54	0	54	0	0	0 0
682 Nonferrous ores, metals, scrap, nec	15	15	0	0	0	0 0
690 Precious metals and manufactures	2	2	0	0	0	0 0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign			Domestic			
	Total	Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
700 Electrical machinery	104	17	0	57	30	0	0
701 Electrical machinery excluding SCI	165	0	165	0	0	0	0
710 Engines, turbines, parts, nec	20	10	10	0	0	0	0
722 Construction, mining machinery, parts	998	0	163	23	0	70	422
730 Metalworking machinery, parts	14	14	0	0	0	0	0
731 Metalworking machinery, parts excluding SCI	16	0	16	0	0	0	0
740 Textile, shoe machinery, parts	12	12	0	0	0	0	0
742 Industrial machinery, parts, nec	246	0	158	70	18	0	0
745 Machinery, parts nec excluding agricultural	229	229	0	0	0	0	0
770 Agricultural machinery, parts	77	24	53	0	0	0	0
780 Motor vehicles	1,685	1,678	0	2	5	0	0
781 Motor vehicles excluding Sci	156	0	156	0	0	0	0
782 Motor vehicle parts	5	5	0	0	0	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Intraport	Local
700 Electrical machinery	0	0
701 Electrical machinery excluding SCi	0	0
710 Engines, turbines, parts, nec	0	0
722 Construction, mining machinery, parts	0	320
730 Metalworking machinery, parts	0	0
731 Metalworking machinery, parts excluding SCi	0	0
740 Textile, shoe machinery, parts	0	0
742 Industrial machinery, parts, nec	0	0
745 Machinery, parts nec excluding agricultural	0	0
770 Agricultural machinery, parts	0	0
780 Motor vehicles	0	0
781 Motor vehicles excluding SCi	0	0
782 Motor vehicle parts	0	0

Continued

Table TRANS 5. Continued.

Commodity classification	Foreign			Domestic		
	Total	Imports	Exports	Coastwise		Internal
				Receipts	Shipments	Receipts
783 Watercraft and parts	33	33	0	0	0	0
785 Watercraft and parts excluding Sci	9	0	9	0	0	0
787 Motor vehicles parts excluding Sci	6	0	6	0	0	0
793 Aircraft and parts excluding Sci	8	0	8	0	0	0
796 Vehicles and parts, nec	80	62	5	13	0	0
805 Other coal tar products	6,211	0	0	3,503	0	2,708
810 Medicines and preparations	66	0	0	31	35	0
827 Sodium hydroxide, caustic soda	1,401	0	0	1,401	0	0
828 Other industrial chemicals, excluding Sci	9,538	0	9,538	0	0	0
829 Industrial chemicals, nec	19,953	10,957	0	2,522	477	3,597
846 Chemical specialties, nec	12,913	0	12,818	74	21	0
848 Pigments, paints, varnishes	370	50	28	266	26	0
849 Ammonium sulphate, fertilizer material	44,272	13,540	0	30,732	0	0

Continued

Table TRANS 5 . Continued .

Commodity classification	Intraport	Local
851 Other nitrogenous fertilizer materials	0	0
852 Phosphate rock	0	0
853 Phosphate fertilizer material	0	0
854 Superphosphate	0	0
855 Potash fertilizer materials	0	0
859 Fertilizer and materials, nec	0	0
860 Miscellaneous chemical products	0	0
865 Soap and toilet preparations	0	0
900 Commodities, nec	0	2
901 Commodities, nec, excluding SCi	0	0
920 U.S. articles returned	0	0
926 Ice	0	0
980 Low-valued shipments	0	21,758
999 Department of Defense and SCi	0	0

<sup>a</sup> Not elsewhere classified.<sup>b</sup> Special category items.

Table TRANS 5 . Concluded .

Commodity classification		Intraport	Local
851	Other nitrogenous fertilizer materials	0	0
852	Phosphate rock	0	0
853	Phosphate fertilizer material	0	0
854	Superphosphate	0	0
855	Potash fertilizer materials	0	0
859	Fertilizer and materials, nec	0	0
860	Miscellaneous chemical products	0	0
865	Soap and toilet preparations	0	0
900	Commodities, nec	0	2
901	Commodities, nec, excluding Sci	0	0
920	U.S. articles returned	0	0
926	Ice	0	21,758
980	Low-valued shipments	0	0
999	Department of Defense and Sci	0	0

<sup>a</sup> Not elsewhere classified .<sup>b</sup> Special category items .

Table TRANS 6. Port of Tampa freight traffic (short tons) in 1965 (U.S. Army Corps of Engineers 1967).

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
Total	19,829,071	1,655,739	6,482,214	7,731,343	2,683,493	6,701	626,480	643,101	
0103 Corn	88,976	0	0	88,976	0	0	0	0	0
0104 Oats	27,620	0	0	27,620	0	0	0	0	0
0105 Rice, rough	1	1	0	0	0	0	0	0	0
0119 Oilseeds, nec <sup>a</sup>	25	25	0	0	0	0	0	0	0
0121 Tobacco, leaf	1,411	1,234	177	0	0	0	0	0	0
0122 Hay and fodder	12	0	12	0	0	0	0	0	0
0129 Field crops, nec	21	21	0	0	0	0	0	0	0
0131 Fresh fruits and tree nuts	4,347	1,764	2,576	7	0	0	0	0	0
0132 Bananas and plantains	106,726	106,726	0	0	0	0	0	0	0
0133 Coffee, green	545	545	0	0	0	0	0	0	0
0141 Fresh and frozen vegetables	50	16	34	0	0	0	0	0	0
0151 Live animals	562	0	562	0	0	0	0	0	0
0161 Animals and products, nec	32	28	4	0	0	0	0	0	0
0191 Miscellaneous farm products	8	8	0	0	0	0	0	0	0
0861 Forest products, nec	149	142	7	0	0	0	0	0	0

Continued

Table TRANS 6 . Continued .

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
0911 Fresh fish, except shellfish	2,493	218	29	0	13	0	0	421	1,812
0912 Shellfish	5,084	1,376	0	0	0	0	0	430	3,278
0931 Marine shells, unmanufactured	1,089,967	113	24	0	0	0	0	571,835	517,995
1121 Bituminous coal and lignite	1,102,340	0	0	1,102,340	0	0	0	0	0
1421 Crushed and broken stone	1,141	1,141	0	0	0	0	0	0	0
1442 Sand and gravel	201	0	201	0	0	0	0	0	0
1451 Clay	1,711	0	970	741	0	0	0	0	0
1471 Phosphate rock	7,884,026	78	5,631,768	11,900	2,192,681	0	0	25,297	22,302
1479 Natural fertilizer materials, nec	87,469	2,451	16,018	69,000	0	0	0	0	0
1492 Sulphur, dry	532,339	523,690	0	0	8,649	0	0	0	0
1493 Sulphur, liquid	1,363,850	0	0	1,363,850	0	0	0	0	0
1494 Gypsum and plaster rock	158,866	158,866	0	0	0	0	0	0	0
1499 Nonmetallic minerals, nec	115,468	40,093	100	75,275	0	0	0	0	0
1911 Ordnance and accessories	450	0	0	0	450	0	0	0	0

Continued

Table TRANS 6 . Continued .

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
2011 Meat, fresh, chilled, frozen	14,861	13,656	561	644	0	0	0	0	0
2012 Meat and products, nec	821	810	11	0	0	0	0	0	0
2014 Tallow, inedible	8,888	0	8,888	0	0	0	0	0	0
2015 Animal by-products, nec	330	37	293	0	0	0	0	0	0
2021 Dairy products, nec	12	8	4	0	0	0	0	0	0
2022 Dried milk and cream	61	27	34	0	0	0	0	0	0
2031 Fish and products, nec	364	363	1	0	0	0	0	0	0
2032 Shellfish products	339	337	2	0	0	0	0	0	0
2033 Vegetables, canned	222	0	151	71	0	0	0	0	0
2034 Vegetables and vegetable preparations nec	2,613	2,508	22	83	0	0	0	0	0
2035 Fruits, frozen	80	80	0	0	0	0	0	0	0
2036 Fruits, canned	8,008	2,096	1,032	4,380	500	0	0	0	0
2037 Fruit and vegetable juices	25,996	7,502	17,187	1,246	61	0	0	0	0
2039 Fruit and fruit preparations, nec	2,314	2,267	47	0	0	0	0	0	0
2041 Wheat flour and semolina	6,595	0	372	6,223	0	0	0	0	0

Continued

Table TRANS 6. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments Local
2042 Prepared animal feeds	666	0	666	0	0	0	0
2049 Grain mill products, nec	1,273	814	394	0	65	0	0
2061 Sugar	10,363	4,480	0	5,883	0	0	0
2081 Alcoholic beverages	3,648	3,390	206	52	0	0	0
2082 Beverages and syrups, nec	112	0	112	0	0	0	0
2091 Vegetable oils, margarine, shortening	226	141	85	0	0	0	0
2092 Animal oils and fats, nec	374	42	332	0	0	0	0
2093 Coffee, roasted	2	0	2	0	0	0	0
2095 Ice	24,244	0	0	0	0	245	0 23,999
2099 Miscellaneous food products	742	378	328	36	0	0	0
2111 Tobacco manufactures	23	0	23	0	0	0	0
2211 Basic textile products	507	352	155	0	0	0	0
2212 Textile fibers, nec	34	34	0	0	0	0	0

Continued

Table TRANS 6. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2311 Apparel	35	26	9	0	0	0	0
2414 Timber, posts, poles, piling	12	0	12	0	0	0	0
2421 Lumber	23,273	22,989	284	0	0	0	0
2431 Veneer, plywood, worked wood	4,245	4,195	50	0	0	0	0
2491 Wood manufactures, nec	201	84	117	0	0	0	0
2511 Furniture and fixtures	575	43	32	0	500	0	0
2611 Pulp	16,351	0	16,351	0	0	0	0
2621 Standard newsprint paper	45,885	45,885	0	0	0	0	0
2631 Paper and paperboard	6,539	1,451	2,716	2,372	0	0	0
2691 Pulp and paper products, nec	1,466	2	1,464	0	0	0	0
2711 Printed matter	14	12	2	0	0	0	0
2810 Sodium hydroxide	20,745	0	21	20,724	0	0	0
2811 Crude tar, oil, gas products	3,479	0	13	3,466	0	0	0
2813 Alcohols	4,011	0	8	2,151	1,852	0	0

Continued

Table TRANS 6. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2814 Sulphuric acid	19,469	0	10	19,459	0	0	0
2819 Basic chemicals and products, nec	208,406	82,065	3,057	71,699	51,585	0	0
2821 Plastic materials	147	1	141	5	0	0	0
2823 Synthetic fibers	3,018	10	3	0	3,000	0	0
2831 Drugs	3	0	3	0	0	0	0
2841 Soap	57	6	45	6	0	0	0
2851 Paints	255	0	87	168	0	0	0
2861 Gum and wood chemicals	6,225	0	6,225	0	0	0	0
2871 Nitrogenous fertilizer manufactured	65,890	44,667	11,417	9,806	0	0	0
2872 Potassic fertilizer materials	76,997	23,160	4,406	49,431	0	0	0
2873 Superphosphate	758,579	0	487,953	0	270,626	0	0
2874 Phosphatic fertilizer, nec	129,222	0	2,340	12,995	113,887	0	0
2875 Ammonium sulphate, all grades	18,726	1,500	10	14,524	2,692	0	0
2876 Insecticides, disinfectants	641	15	566	60	0	0	0

Continued

Table TRANS 6. Continued.

Commodity classification	Total	Foreign		Domestic				
		Imports	Exports	Coastwise		Internal		Local
				Receipts	Shipments	Receipts	Shipments	
2879 Fertilizer and materials, nec	123,602	2,225	110,643	1,862	8,872	0	0	0
2891 Miscellaneous chemical products	2,684	71	1,373	236	1,004	0	0	0
2911 Gasoline	2,478,422	0	0	2,477,242	0	0	1,180	0
2912 Jet fuel	230,580	0	0	230,580	0	0	0	0
2913 Kerosene	175,912	0	0	169,998	0	0	5,914	0
2914 Distillate fuel oil	642,893	0	0	608,366	0	40	16,490	17,997
2915 Residual fuel oil	1,178,332	379,722	0	730,670	8,206	2,168	1,848	55,718
2916 Lubricating oils and greases	27,545	11	18	27,516	0	0	0	0
2917 Naphtha petroleum solvents	17,622	0	2	17,620	0	0	0	0
2918 Asphalt, tar, and pitches	207,818	0	59	207,759	0	0	0	0
2921 Liquefied gases	35,329	0	18	35,311	0	0	0	0
2951 Asphalt building materials	2,555	2,508	47	0	0	0	0	0
2991 Petroleum and coal products, nec	3,727	0	83	3,644	0	0	0	0

Continued

Table TRANS 6. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
3011 Rubber and miscellaneous plastics products	364	130	234	0	0	0	0
3111 Leather and leather products	87	83	4	0	0	0	0
3211 Glass and glass products	3,503	3,322	181	0	0	0	0
3241 Building cement	181,305	8,868	48	172,389	0	0	0
3251 Structural clay products	3,656	1,452	0	2,204	0	0	0
3271 Lime	20	0	20	0	0	0	0
3281 Cut stone and stone products	1,611	1,606	5	0	0	0	0
3291 Miscellaneous nonmetallic mineral products	709	597	112	0	0	0	0
3315 Iron, steel shapes, excluding sheets	111,179	89,176	53	19,161	1,739	0	1,050
3316 Iron and steel plates, sheets	81,304	23,366	2,092	55,744	102	0	0
3317 Iron and steel pipe and tube	22,963	18,626	1,006	3,285	46	0	0
3319 Iron and steel products, nec	3,024	1,813	118	723	370	0	0

Continued

Table TRANS 6 . Continued .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
							Local
3321 Nonferrous metals, nec	122	63	59	0	0	0	0
3322 Copper alloys, unworked	72	71	1	0	0	0	0
3323 Lead and zinc, unworked	564	525	39	0	0	0	0
3324 Aluminum and alloys, unworked	45	17	28	0	0	0	0
3411 Metal containers	481	115	150	0	216	0	0
3421 Cutlery, tools, and hardware	46	41	5	0	0	0	0
3431 Plumbing fixtures, heating equipment	96	44	52	0	0	0	0
3491 Miscellaneous fabricated metal products	16,855	14,835	695	87	588	0	650
3511 Machinery, except electrical	7,305	431	709	359	2,801	1,760	1,245
3611 Electrical machinery and equipment	574	468	103	3	0	0	0
3711 Motor vehicles, parts, equipment	1,132	735	396	1	0	0	0
3721 Aircraft and parts	112	0	12	0	0	0	100

Continued

Table TRANS 6 . Concluded .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
3731 Ships and boats	3,249	14	116	1,114	17	1,988	0
3791 Miscellaneous transportation equipment	294	74	218	0	2	0	0
3811 Instrument, photo, optical goods	11	5	6	0	0	0	0
3911 Miscellaneous manufactured products	13,145	691	49	275	11,610	500	20
4011 Iron and steel	138,463	0	137,104	0	1,359	0	0
4012 Nonferrous metal scrap	4,427	37	4,390	0	0	0	0
4022 Textile waste, scrap, sweep	39	28	11	0	0	0	0
4024 Paper waste and scrap	1,128	0	1,128	0	0	0	0
4112 Commodities, nec	1	0	0	1	0	0	0
9999 Department of Defense and Sci	95	0	95	0	0	0	0

<sup>a</sup> Not elsewhere classified.<sup>b</sup> Special category items.

Table TRANS 7. Port of Tampa freight traffic (short tons) in 1970 (U.S. Army Corps of Engineers 1972).

Commodity classification	Foreign			Domestic					Local
	Total	Imports	Exports	Coastwise		Internal			
				Receipts	Shipments	Receipts	Shipments		
Total	31,356,522	2,469,337	10,804,320	11,900,290	4,624,365	4,595	1,006,032	547,583	
0103 Corn	110,043	0	0	110,043	0	0	0	0	
0104 Oats	38,036	0	0	38,036	0	0	0	0	
0105 Rice, rough	11	0	11	0	0	0	0	0	
0106 Sorghum grain	6	0	6	0	0	0	0	0	
0119 Oilseeds, nec	134	134	0	0	0	0	0	0	
0121 Tobacco, leaf	1,245	1,077	168	0	0	0	0	0	
0122 Hay and fodder	5,340	0	5,340	0	0	0	0	0	
0129 Field crops, nec	23	1	22	0	0	0	0	0	
0131 Fresh fruits and tree nuts	2,354	460	1,894	0	0	0	0	0	
0132 Bananas and plantains	133,980	133,980	0	0	0	0	0	0	
0133 Coffee	506	503	3	0	0	0	0	0	
0134 Cocoa beans	97	97	0	0	0	0	0	0	
0141 Fresh and frozen vegetables	814	191	623	0	0	0	0	0	
0151 Live animals	1	0	1	0	0	0	0	0	
0161 Animals and products, nec	66	58	8	0	0	0	0	0	
0191 Miscellaneous farm products	8	8	0	0	0	0	0	0	

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
0841 Crude rubber and allied gums	31	31	0	0	0	0	0
0861 Forest products, nec	542	540	2	0	0	0	0
0911 Fresh fish, except shellfish	968	434	17	0	0	218	299
0912 Shellfish	161	0	0	0	0	161	0
0931 Marine shells, unmanufactured	1,472,500	0	0	0	0	0	951,200
1021 Copper ore and concentrates	24	0	24	0	0	0	0
1061 Manganese ores, concentrates	784	0	0	784	0	0	0
1091 Nonferrous ores, concent, nec	16	10	6	0	0	0	0
1121 Coal and lignite	2,654,232	0	59	2,654,173	0	0	0
1411 Limestone	200,902	200,902	0	0	0	0	0
1442 Sand, gravel, crushed rock	14,806	152	1,790	0	0	0	904
1451 Clay	715	48	667	0	0	0	0
1471 Phosphate rock	13,494,454	0	9,203,763	0	4,290,691	0	0

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
1479 Natural fertilizer materials, nec	93,331	13,442	78	79,811	0	0	0
1492 Sulphur, dry	211,949	211,949	0	0	0	0	0
1493 Sulphur, liquid	2,148,214	0	0	2,148,214	0	0	0
1499 Nonmetallic minerals, nec	134,402	30,489	422	103,491	0	0	0
1911 Ordinance and accessories	1	1	0	0	0	0	0
2011 Meat, fresh, chilled, frozen	60,966	60,243	723	0	0	0	0
2012 Meat and products, nec	1,219	1,184	35	0	0	0	0
2014 Tallow, animal fats and oils	16,340	0	16,340	0	0	0	0
2015 Animal by-products, nec	659	0	659	0	0	0	0
2021 Dairy products, nec	134	131	3	0	0	0	0
2022 Dried milk and cream	55	46	9	0	0	0	0
2031 Fish and shellfish, prepared	3,026	2,980	46	0	0	0	0
2034 Vegetables and vegetable preparations, nec	5,932	5,780	152	0	0	0	0

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2039 Prepared fruit and vegetable juice, nec	39,852	7,429	32,423	0	0	0	0
2041 Wheat flour and semolina	403	0	403	0	0	0	0
2042 Prepared animal feeds	61,521	332	61,189	0	0	0	0
2049 Grain mill products, nec	479	41	438	0	0	0	0
2061 Sugar	7,080	8	11	7,061	0	0	0
2081 Alcoholic beverages	5,339	4,497	842	0	0	0	0
2091 Vegetable oil, margarine, shortening	399	243	156	0	0	0	0
2092 Animal oils and fats, nec	73	73	0	0	0	0	0
2095 Ice	310	0	0	0	0	300	10
2099 Miscellaneous food products	1,683	1,173	510	0	0	0	0
2111 Tobacco manufactures	33	11	22	0	0	0	0
2211 Basic textile products	743	573	170	0	0	0	0
2311 Apparel	77	74	3	0	0	0	0
2411 Logs	538	516	22	0	0	0	0
2414 Timber, posts, poles, piling	321	0	76	0	0	45	200

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
							Local
2416 Wood chips, staves, moldings	23	11	12	0	0	0	0
2421 Lumber	21,908	21,400	444	24	0	0	40
2431 Veneer, plywood, worked wood	10,273	10,188	85	0	0	0	0
2491 Wood manufactures, nec	541	315	106	0	0	0	120
2511 Furniture and fixtures	305	217	88	0	0	0	0
2611 Pulp	34,397	0	34,397	0	0	0	0
2621 Standard newsprint							
2631 paper	68,005	68,005	0	0	0	0	0
2691 Paper and paperboard	1,572	928	644	0	0	0	0
2711 products, nec	1,135	23	992	0	0	0	120
2810 Printed matter	8	7	1	0	0	0	0
2811 Sodium hydroxide	98,707	0	0	94,808	0	0	3,899
2812 Crude tar, oil, gas products	1,978	0	25	1,953	0	0	0
2813 Dyes, pigment, tanning mats	256	256	0	0	0	0	0
2817 Alcohols	4,610	0	0	4,610	0	0	0
2817 Benzene and toluene	1,635	0	0	1,635	0	0	0

Continued

Table TRANS 7. Continued.

Commodity classification	Foreign			Domestic			
	Total	Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2819 Basic chemicals and products, nec	236,160	153,023	36,018	29,069	18,050	0	0
2821 Plastic materials	398	243	155	0	0	0	0
2822 Synthetic rubber	3	2	1	0	0	0	0
2831 Drugs	5	2	3	0	0	0	0
2841 Soap	83	9	74	0	0	0	0
2851 Paints	112	0	112	0	0	0	0
2861 Gum and wood chemicals	1,776	0	1,776	0	0	0	0
2871 Nitrogenous chemical fertilizers	73,386	0	34,170	37,946	1,270	0	0
2872 Potassic chemical fertilizers	256,254	0	712	255,542	0	0	0
2873 Phosphatic chemical fertilizers	578,075	0	400,439	0	177,636	0	0
2876 Insecticides, disinfectants	78	16	62	0	0	0	0
2879 Fertilizer and materials, nec	890,469	36,045	756,592	0	97,832	0	0
2891 Miscellaneous chemical products	6,028	112	4,666	0	1,250	0	0
2911 Gasoline	3,633,375	0	0	3,616,408	16,196	0	771
2912 Jet fuel	376,012	0	0	376,012	0	0	0
2913 Kerosene	296,335	10,258	0	283,774	2,303	0	0

Continued

Table TRANS 7 . Continued .

Commodity classification	Foreign			Domestic				
	Total	Imports	Exports	Coastwise		Internal		Local
				Receipts	Shipments	Receipts	Shipments	
2914 Distillate fuel oil	993,679	11,523	0	922,644	10,532	0	48,980	0
2915 Residual fuel oil	1,643,658	1,311,975	4,942	319,179	0	0	0	7,562
2916 Lubricating oils and greases	24,216	0	142	24,074	0	0	0	0
2917 Naphtha, petroleum solvents	18,670	0	0	18,670	0	0	0	0
2918 Asphalt, tar, and pitches	340,863	0	0	340,863	0	0	0	0
2921 Liquefied gases	73,086	0	0	73,086	0	0	0	0
2951 Asphalt building materials	356	100	256	0	0	0	0	0
2991 Petroleum and coal products, nec	4,902	0	0	4,902	0	0	0	0
3011 Rubber and miscellaneous plastics products	374	230	126	0	18	0	0	0
3111 Leather and leather products	133	130	3	0	0	0	0	0
3211 Glass and glass products	6,377	6,311	66	0	0	0	0	0
3241 Building cement	267,363	3,076	0	264,287	0	0	0	0
3251 Structural clay products	12,229	1,959	31	10,239	0	0	0	0

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
3281 Cut stone and stone products	2,555	2,555	0	0	0	0	0
3291 Miscellaneous nonmetallic mineral products	1,700	593	107	602	0	0	30
3312 Slag	3	0	3	0	0	0	0
3313 Coke, petroleum asphalts, solvents	191	0	191	0	0	0	0
3314 Iron and steel primary forms	25	0	2	0	0	0	10
3315 Iron, steel shapes, excluding sheet	111,159	83,517	361	26,126	408	15	0
3316 Iron and steel plates, sheets	65,453	25,159	524	39,770	0	0	0
3317 Iron and steel pipe and tube	18,613	17,557	369	687	0	0	0
3319 Iron and steel products, nec	4,923	1,683	19	3,221	0	0	0
3321 Nonferrous metals, nec	360	275	85	0	0	0	0
3322 Copper alloys, unworked	64	61	3	0	0	0	0
3323 Lead and zinc, unworked	1	0	1	0	0	0	0

Continued

Table TRANS 7. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
3324 Aluminum and alloys, unworked	523	471	52	0	0	0	0
3411 Fabricated metal products	28,965	17,664	2,114	7,930	307	113	214
3511 Machinery, except electrical	6,832	1,701	854	0	2,907	580	715
3611 Electrical machinery and equipment	10,845	1,097	403	0	4,965	1,310	3,070
3711 Motor vehicles, parts, equipment	1,284	129	1,155	0	0	0	0
3721 Aircraft and parts	12	0	12	0	0	0	0
3731 Ships and boats	2,659	30	176	200	0	1,853	400
3791 Miscellaneous transportation equipment	297	150	147	0	0	0	0
3811 Instruments, photo, optical goods	53	36	17	0	0	0	0
3911 Miscellaneous manufactures							
4011 Iron and steel scrap	906	364	126	416	0	0	0
4012 Nonferrous metal scrap	187,301	0	187,301	0	0	0	0
	3,953	2	3,951	0	0	0	0

Continued

Table TRANS 7 . Concluded .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
4024 Paper waste and scrap	70	0	70	0	0	0	0
4112 Commodities, nec	88	88	0	0	0	0	0
9999 Department of Defense and Sci	1	0	1	0	0	0	0

<sup>a</sup> Not elsewhere classified .<sup>b</sup> Special category items .

Table TRANS 8. Port of Tampa freight traffic (short tons) in 1975 (U.S. Army Corps of Engineers 1977).

Commodity classification	Total	Foreign	
		Imports	Exports
Total	39,857,660	4,082,357	12,686,518
0103 Corn	70,596	0	31,150
0104 Oats	26,141	0	0
0107 Wheat	57,371	0	0
0119 Oilseeds, nec <sup>a</sup>	8,073	0	8,073
0121 Tobacco, leaf	1,485	1,316	169
0122 Hay and fodder	320,746	0	320,746
0129 Field crops, nec	1	1	0
0131 Fresh fruits and tree nuts	121,749	3	121,746
0132 Bananas and plantains	154,373	154,373	0
0133 Coffee	543	543	0
0141 Fresh and frozen vegetables	1,850	1,163	687
0161 Animals and products, nec	115	65	50
0191 Miscellaneous farm products	4	4	0
0841 Crude rubber and allied gums	67	67	0
0861 Forest products, nec	374	356	18
0911 Fresh fish except shellfish	1,278	847	231
0912 Shellfish, except prepared	9	0	0
0931 Marine shell, unmanufactured	300,700	0	0
1121 Coal and lignite	3,095,583	0	0
1311 Crude and petroleum	77,302	0	0
1411 Limestone	225,444	23,625	0
1442 Sand, gravel, crushed rock	46,295	225,444	0
1451 Clay	847	0	46,295
1471 Phosphate rock	17,158,090	0	155
1479 Natural fertilizer materials, nec	40,599	0	9,362,771
		17,211	266

Continued

Table TRANS 8. Continued.

Commodity classification	Total	Foreign	
		Imports	Exports
1492 Sulphur, dry	714,819	714,819	0
1493 Sulphur, liquid	2,370,308	0	0
1499 Nonmetallic minerals, nec	1,046,775	927,211	0
2011 Meat, fresh, chilled, frozen	17,293	16,884	409
2012 Meat and products, nec	477	419	58
2014 Tallow, animal fats and oils	16,515	0	0
2015 Animal by-products, nec	77	0	77
2021 Dairy products, nec	35	28	7
2022 Dried milk and cream	100	16	84
2031 Fish and shellfish, prepared	303	294	9
2034 Vegetables and preparations, nec	1,726	1,600	126
2039 Prepared fruit and vegetable juice, nec	38,118	16,977	21,141
2041 Wheat flour and semolina	51	0	51
2042 Prepared animal feeds	24,301	218	2,083
2049 Grain mill products, nec	4,870	0	2,222
2061 Sugar	26	0	26
2081 Alcoholic beverages	2,959	2,291	668
2091 Vegetable oils, margarine, shortening	107	42	65
2092 Animal oils and fats, nec	33	33	0
2095 Ice	195	0	0
2099 Miscellaneous food products	1,635	1,474	161
2111 Tobacco manufactures	39	1	38
2211 Basic textile products	2,940	1,388	155
2311 Apparel	53	52	1
2413 Fuel wood, charcoal, wastes	42	0	42
2414 Timber, posts, poles, piling	450	150	202
2416 Wood chips, staves, moldings	25	0	25

Continued

Table TRANS 8 . Continued .

Commodity classification	Total	Foreign	
		Imports	Exports
2421 Lumber	22,109	20,642	1,155
2431 Veneer, plywood, worked wood	12,425	12,145	280
2491 Wood manufactures, nec	723	660	63
2511 Furniture and fixtures	317	281	36
2611 Pulp	10,867	0	10,867
2621 Standard newsprint paper	35,443	35,443	0
2631 Paper and paperboard	15,698	840	14,858
2691 Pulp and paper products, nec	58	6	52
2711 Printed matter	26	11	15
2810 Sodium hydroxide	101,790	0	0
2811 Crude tar, oil, gas products	4	0	4
2813 Alcohols	4,893	0	0
2819 Basic chemicals and products, nec	317,135	103,967	200,566
2821 Plastic materials	448	33	415
2823 Synthetic fibers	25	0	25
2831 Drugs	22	1	21
2841 Soap	35	0	35
2851 Paint	108	0	108
2861 Gum and wood chemicals	2,911	2,872	39
2871 Nitrogenous chemical fertilizers	2,087	0	793
2872 Potassic chemical fertilizers	154,034	0	715
2873 Phosphatic chemical fertilizers	778,696	0	766,147
2876 Insecticides, disinfectants	3,406	1	3,405
2879 Fertilizer and materials, nec	1,507,038	83,746	1,359,008
2891 Miscellaneous chemical products	1,636	76	1,560
2911 Gasoline	4,964,307	0	0
2912 Jet fuel	398,171	0	0
2913 Kerosene	78,572	11,087	0
2914 Distillate fuel oil	1,338,619	23,556	0

Continued

Table TRANS 8 . Continued .

Commodity classification	Total	Foreign	
		Imports	Exports
3611 Electrical machinery and equipment	1,678	558	144
3711 Motor vehicles, parts, equipment	12,966	12,506	460
3721 Aircraft and parts	16	1	15
3731 Ships and boats	432	48	380
3791 Miscellaneous transportation equipment	2,773	7	2,766
3811 Instruments, photo, optical goods	46	35	12
3911 Miscellaneous manufactured products	568	370	38
4011 Iron and steel scrap	255,339	0	254,284
4012 Nonferrous metal scrap	578	0	578
4024 Paper waste and scrap	36,979	0	36,979
4112 Commodities nec	614	598	16
9999 Department of Defense and Sci	404	0	404
	Continued		

Table TRANS 8. Continued.

Commodity classification	Domestic				
	Coastwise		Internal		Local
	Receipts	Shipments	Receipts	Shipments	
Total	14,618,568	8,059,057	5,292	266,203	139,665
0103 Corn	27,446	12,000	0	0	0
0104 Oats	26,141	0	0	0	0
0107 Wheat	57,371	0	0	0	0
0119 Oilseeds, nec	0	0	0	0	0
0121 Tobacco, leaf	0	0	0	0	0
0122 Hay and fodder	0	0	0	0	0
0129 Field crops, nec	0	0	0	0	0
0131 Fresh fruits and tree-nuts	0	0	0	0	0
0132 Bananas and plantains	0	0	0	0	0
0133 Coffee	0	0	0	0	0
0141 Fresh and fresh vegetables	0	0	0	0	0
0161 Animals and products, nec	0	0	0	0	0
0191 Miscellaneous farm products	0	0	0	0	0
0841 Crude rubber and allied gums	0	0	0	0	0
0861 Forest products, nec	0	0	0	0	0
0911 Fresh fish except shellfish	0	0	198	0	2
0912 Shellfish, except prepared	0	0	9	0	0
0931 Marine shell, unmanufactured	0	0	0	252,300	48,400
1121 Coal and lignite	3,095,583	0	0	0	0
1311 Crude and petroleum	53,677	0	0	0	0
1411 Limestone	0	0	0	0	0
1442 Sand, gravel, crushed rock	0	0	0	0	0
1451 Clay	692	0	0	0	0
1471 Phosphate rock	14,800	7,780,519	0	0	0
1479 Natural fertilizer materials, nec	23,122	0	0	0	0

Continued

Table TRANS 8. Continued.

Commodity classification	Domestic			
	Coastwise		Internal	
	Receipts	Shipments	Receipts	Shipments
1492 Sulphur, dry	0	0	0	0
1493 Sulphur, liquid	2,370,308	0	0	0
1499 Nonmetallic minerals, nec	119,564	0	0	0
2011 Meat, fresh, chilled, frozen	0	0	0	0
2012 Meat and products, nec	0	0	0	0
2014 Tallow, animal fats and oils	0	0	0	0
2015 Animal by-products, nec	0	0	0	0
2021 Dairy products, nec	0	0	0	0
2022 Dried milk and cream	0	0	0	0
2031 Fish and shellfish, prepared	0	0	0	0
2034 Vegetables and preparations, nec	0	0	0	0
2039 Prepared fruit and vegetable juice, nec	0	0	0	0
2041 Wheat flour and semolina	0	0	0	0
2042 Prepared animal feeds	11,052	10,948	0	0
2049 Grain mill products, nec	2,648	0	0	0
2061 Sugar	0	0	0	0
2081 Alcoholic beverages	0	0	0	0
2091 Vegetable oils, margarine, shortening	0	0	0	0
2092 Animal oils and fats, nec	0	0	0	0
2095 Ice	0	0	0	195
2099 Miscellaneous food products	0	0	0	0
2111 Tobacco manufactures	0	0	0	0
2211 Basic textile products	1,397	0	0	0
2311 Apparel	0	0	0	0
2413 Fuel wood, charcoal, wastes	0	0	0	0

Continued

Table TRANS 8. Continued.

Commodity classification	Domestic				Local
	Coastwise		Internal		
	Receipts	Shipments	Receipts	Shipments	
2414 Timber, posts, poles piling	0	0	83	15	0
2416 Wood chips, staves, moldings	0	312	0	0	0
2421 Lumber	0	0	0	0	0
2431 Veneer, plywood, worked wood	0	0	0	0	0
2491 Wood manufactures, nec	0	0	0	0	0
2511 Furniture and fixtures	0	0	0	0	0
2611 Pulp	0	0	0	0	0
2621 Standard newsprint paper	0	0	0	0	0
2631 Paper and paperboard	0	0	0	0	0
2691 Pulp and paper products, nec	0	0	0	0	0
2711 Printed matter	0	0	0	0	0
2810 Sodium hydroxide	101,790	0	0	0	0
2811 Crude tar, oil, gas products	0	0	0	0	0
2813 Alcohols	4,893	0	0	0	0
2819 Basic chemicals and products, nec	12,602	0	0	0	0
2821 Plastic materials	0	0	0	0	0
2823 Synthetic fibers	0	0	0	0	0
2831 Drugs	0	0	0	0	0
2841 Soap	0	0	0	0	0
2851 Paint	0	0	0	0	0
2861 Gum and wood chemicals	0	0	0	0	0
2871 Nitrogenous chemical fertilizers	0	1,294	0	0	0
2872 Potassic chemical fertilizers	153,319	0	0	0	0
2873 Phosphatic chemical fertilizers	0	12,549	0	0	0
2876 Insecticides, disinfectants	0	0	0	0	0
2879 Fertilizer and materials, nec	0	64,284	0	0	0
2891 Miscellaneous chemical products	0	0	0	0	0

Continued

Table TRANS 8 . Continued .

Commodity classification	Domestic				Local
	Coastwise		Internal		
	Receipts	Shipments	Receipts	Shipments	
2911 Gasoline	4,949,432	9,587	100	0	5,188
2912 Jet fuel	392,262	0	0	0	5,909
2913 Kerosene	67,485	0	0	0	0
2914 Distillate fuel oil	1,234,829	4,347	0	11,882	64,005
2915 Residual fuel oil	1,400,920	111,833	1,660	170	12,551
2916 Lubricating oils and greases	43,372	0	0	0	0
2918 Asphalt, tar, and pitches	305,739	0	0	0	0
2920 Coke, petroleum coke	2,600	0	0	0	0
2921 Liquefied gases	63,023	23,424	0	0	0
2951 Asphalt building materials	0	0	0	0	0
2991 Petroleum and coal products, nec	6,541	0	0	0	0
3011 Rubber and misc plastics products	0	0	0	0	0
3111 Leather and leather products	0	0	0	0	0
3211 Glass and glass products	0	0	0	0	0
3241 Building cement	53,150	0	0	0	0
3251 Structural clay products	4,661	0	0	0	0
3281 Cut stone and stone products	0	0	0	0	0
3291 Miscellaneous nonmetallic mineral products	0	0	1,455	0	1,770
3312 Slag	0	20,846	0	0	0
3313 Coke, pet asphalts, solvents	0	0	0	0	0
3314 Iron and steel primary forms	0	3,263	0	0	0
3315 Iron, steel shapes, except sheet	5,723	0	45	0	0
3316 Iron and steel plates, sheets	2,247	400	0	0	0
3317 Iron and steel pipe and tube	7,339	0	400	0	0
3318 Ferroalloys	0	0	0	0	0
3319 Iron and steel products, nec	0	0	0	0	0

Continued

Table TRANS 8. Continued.

Commodity classification	Total	Foreign	
		Imports	Exports
2915 Residual fuel oil	3,033,959	1,506,825	0
2916 Lubricating oils and greases	43,377	0	5
2918 Asphalt, tar, and pitches	305,739	0	0
2920 Coke, petroleum coke	2,600	0	0
2921 Liquefied gases	86,447	0	0
2951 Asphalt building materials	158	54	104
2991 Petroleum and coal products, nec	6,541	0	0
3011 Rubber and miscellaneous plastics products	535	398	137
3111 Leather and leather products	272	270	2
3211 Glass and glass products	592	552	40
3241 Building cement	83,353	28,527	1,676
3251 Structural clay products	5,633	764	208
3281 Cut stone and stone products	4,058	4,058	0
3291 Miscellaneous nonmetallic mineral products	3,468	167	76
3312 Slag	3,468	167	76
3313 Coke, pet asphalts, solvents	22,203	0	1,357
3314 Iron and steel primary forms	9,098	9,072	26
3315 Iron, steel shapes, excluding sheet	72,307	0	69,044
3316 Iron and steel plates, sheets	74,031	54,652	13,611
3317 Iron and steel pipe and tube	29,418	26,713	58
3318 Ferroalloys	28,200	19,749	712
3319 Iron and steel products, nec	784	784	0
3321 Nonferrous metals, nec	195	191	4
3322 Copper alloys, unworked	225	134	91
3324 Aluminum and alloys, unworked	154	152	2
3411 Fabricated metal products	1,144	503	641
3511 Machinery, except electrical	8,743	7,174	1,429
	16,522	3,213	4,530

Continued

Table TRANS 8 Concluded

Commodity classification	Domestic			
	Coastwise		Internal	
	Receipts	Shipments	Receipts	Shipments
3321 Nonferrous metals, nec	0	0	0	0
3322 Copper alloys, unworked	0	0	0	0
3324 Aluminum and alloys, unworked	0	0	0	0
3411 Fabricated metal products	0	0	115	25
3511 Machinery, except electrical	1,840	2,475	1,223	1,401
3611 Electrical machinery and equipment	0	976	0	0
3711 Motor vehicles, parts, equipment	0	0	0	0
3721 Aircraft and parts	0	0	0	0
3731 Ships and boats	0	0	4	0
3791 Miscellaneous transportation equipment	0	0	0	0
3811 Instruments, photo, optical goods	0	0	0	0
3911 Miscellaneous manufactured products	0	0	0	160
4011 Iron and steel scrap	1,000	0	0	55
4012 Nonferrous metal scrap	0	0	0	0
4024 Paper waste and scrap	0	0	0	0
4112 Commodities nec	0	0	0	0
9999 Department of Defense and Sci	0	0	0	0

<sup>a</sup> Not elsewhere classified<sup>b</sup> Special category items

Table TRANS 9. Port of Tampa freight traffic (short tons) in 1978 (U.S. Army Corps of Engineers 1980).

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
Total	47,077,047	4,844,925	17,058,489	16,994,378	7,968,632	99,783	43,104
0103 Corn	48,543	0	6	48,537	0	0	0
0104 Oats	26,002	0	0	26,002	0	0	0
0105 Rice	3	0	3	0	0	0	0
0107 Wheat	108,642	0	0	108,642	0	0	0
0121 Tobacco, leaf	1,033	981	52	0	0	0	0
0129 Field crops, nec <sup>a</sup>	1	0	1	0	0	0	0
0131 Fresh fruits and tree nuts	222,567	156,893	65,674	0	0	0	0
0133 Coffee	2	2	0	0	0	0	0
0134 Cocoa beans	231	231	0	0	0	0	0
0141 Fresh and frozen vegetables	1,602	770	832	0	0	0	0
0161 Animals and products, nec	1,390	41	1,349	0	0	0	0
0191 Miscellaneous farm products	294	252	42	0	0	0	0
0841 Crude rubber and allied gums	659	659	0	0	0	0	0
0911 Fresh fish, except shellfish	1,528	248	29	0	0	453	798

Continued

Table TRANS 9 . Continued .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
0912 Shellfish, except prepared	541	335	140	0	0	66	0
1091 Nonferrous ores, concentrate, nec	1	0	1	0	0	0	0
1121 Coal and lignite	2,731,216	82,023	0	2,628,082	21,111	0	0
1311 Crude petroleum	28,584	28,584	0	0	0	0	0
1411 Limestone	364,595	364,588	7	0	0	0	0
1412 Building stone, unworked	8	0	8	0	0	0	0
1442 Sand, gravel, crushed rock	65,361	47,041	18,320	0	0	0	0
1451 Clay	1,150,483	1,148,308	2,175	0	0	0	0
1471 Phosphate rock	19,062,513	5,000	11,404,622	38,109	7,614,782	0	0
1479 Natural fertilizer mats, nec	28,245	19,272	0	8,973	0	0	0
1493 Sulphur, liquid	3,181,645	0	0	3,181,645	0	0	0
1499 Nonmetallic minerals, nec	96,874	22,400	0	73,576	0	898	0
1911 Ordnance and accessories	1	0	1	0	0	0	0
2011 Meat, fresh, chilled, frozen	21,654	16,081	5,573	0	0	0	0

Continued

Table TRANS 9. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2012 Meat and products, nec	793	454	339	0	0	0	0
2014 Tallow, animal fats and oil	21,833	0	21,833	0	0	0	0
2015 Animal by-products, nec	60	39	21	0	0	0	0
2021 Dairy products, nec	25	8	17	0	0	0	0
2022 Dried milk and cream	210	3	207	0	0	0	0
2031 Fish and shellfish prepared	115	103	12	0	0	0	0
2034 Vegetables and prepared nec	2,434	2,160	274	0	0	0	0
2039 Prepared fruit and vegetable juice, nec	112,224	100,405	11,819	0	0	0	0
2041 Wheat flour and semolina	66	0	66	0	0	0	0
2042 Prepared animal feeds	544,461	0	524,239	0	20,222	0	0
2049 Grain mill products, nec	10,553	0	143	10,410	0	0	0

Continued

Table TRANS 9. Continued.

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2061 Sugar	3,441	423	4	3,014	0	0	0
2062 Molasses	3	0	3	0	0	0	0
2081 Alcoholic beverages	9,408	599	8,809	0	0	0	0
2091 Vegetable oils, margarine, shortening	38	33	5	0	0	0	0
2095 Ice	660	0	0	0	0	170	490
2099 Miscellaneous food products	1,472	1,254	175	0	43	0	0
2111 Tobacco							
2211 Manufactures	10	3	7	0	0	0	0
2211 Basic textile products	274	12	262	0	0	0	0
2212 Textile fibers, nec	4	0	4	0	0	0	0
2311 Apparel	3	0	3	0	0	0	0
2411 Logs	9	0	9	0	0	0	0
2414 Timber, posts, poles, piling	505	25	132	0	0	10	286
2421 Lumber	49,537	47,646	1,021	0	870	0	0
2431 Veneer, plywood, worked wood	22,141	21,631	154	40	316	0	0

Continued

Table TRANS 9. Continued.

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
2491 Wood manufactures, nec	475	77	357	41	0	0	0	0	0
2511 Furniture and fixtures	205	148	57	0	0	0	0	0	0
2611 Pulp	22,009	0	22,009	0	0	0	0	0	0
2631 Paper and paperboard	97,919	49,264	48,632	0	23	0	0	0	0
2691 Pulp and paper products, nec	456	0	434	0	22	0	0	0	0
2711 Printed matter	333	4	329	0	0	0	0	0	0
2810 Sodium hydroxide	114,832	0	0	114,832	0	0	0	0	0
2813 Alcohols	1,182	0	0	1,182	0	0	0	0	0
2816 Radioactive materials, wastes	40	40	0	0	0	0	0	0	0
2819 Basic chemicals and products, nec	1,332,569	1,268,931	50,184	13,454	0	0	0	0	0
2821 Plastic materials	268	102	166	0	0	0	0	0	0
2823 Synthetic fibers	44	0	44	0	0	0	0	0	0
2831 Drugs	12	0	12	0	0	0	0	0	0
2841 Soap	362	319	43	0	0	0	0	0	0
2851 Paints	156	0	147	0	0	0	0	0	0

Continued

Table TRANS 9 . Continued .

Commodity classification	Total	Foreign		Domestic				
		Imports	Exports	Coastwise		Internal		Local
				Receipts	Shipments	Receipts	Shipments	
2861 Gum and wood chemicals	5	0	5	0	0	0	0	0
2871 Nitrogenous chemical fertilizers	39,217	13,900	4,063	21,254	0	0	0	0
2872 Potassic chemical fertilizers	589,643	0	431,457	158,186	0	0	0	0
2873 Phosphatic chemical fertilizers	1,333,499	97,089	1,187,418	0	48,992	0	0	0
2876 Insecticides, disinfectants	1,182	0	1,182	0	0	0	0	0
2879 Fertilizer and materials, nec	3,119,347	10,767	3,020,739	0	87,841	0	0	0
2891 Miscellaneous chemical products	1,341	25	1,316	0	0	0	0	0
2911 Gasoline	6,748,967	0	1	6,616,514	132,452	0	0	0
2912 Jet fuel	575,967	0	0	575,967	0	0	0	0
2913 Kerosene	69,737	0	0	69,737	0	0	0	0
2914 Distillate fuel oil	1,536,807	0	0	1,424,236	3,290	35,968	24,057	49,256
2915 Residual fuel oil	2,221,366	769,026	0	1,366,034	12,630	59,468	3,038	11,170
2916 Lubricating oils and greases	21,246	0	107	21,139	0	0	0	0

Continued

Table TRANS 9 . Continued .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
2917 Naphtha, petroleum solvents	593	0	0	593	0	0	0
2918 Asphalt, tar, and pitches	356,415	0	30	352,021	0	0	0
2921 Liquefied gases	108,111	0	0	107,007	1,104	0	4,364
2951 Asphalt building materials	775	0	775	0	0	0	0
3011 Rubber and miscellaneous plastic products	747	307	439	0	1	0	0
3111 Leather and leather products	29	28	1	0	0	0	0
3211 Glass and glass products	146	84	62	0	0	0	0
3241 Building cement	275,883	269,407	2,010	4,466	0	0	0
3251 Structural clay products	996	969	27	0	0	0	0
3281 Cut stone and stone products	3,461	3,456	5	0	0	0	0
3291 Miscellaneous nonmetallic mineral products	22,722	289	7,684	1,963	115	899	10,314
3312 Slag	12,229	0	0	0	12,229	0	1,458

Continued

Table TRANS 9 . Continued .

Commodity classification	Total	Foreign		Domestic			
		Imports	Exports	Coastwise		Internal	
				Receipts	Shipments	Receipts	Shipments
3314 Iron and steel primary forms	54,534	0	48,499	2,623	3,412	0	0
3315 Iron, steel shapes, excluding sheet	215,920	178,724	29,177	7,176	638	0	200
3316 Iron and steel plates, sheets	7,532	0	187	7,331	14	0	0
3317 Iron and steel pipe and tube	60,150	57,337	563	0	1,850	200	200
3318 Ferroalloys	1,381	1,323	58	0	0	0	0
3319 Iron and steel products, nec	2,085	1,387	698	0	0	0	0
3321 Nonferrous metals, nec	346	0	346	0	0	0	0
3322 Copper alloys, unworked	30	28	2	0	0	0	0
3323 Lead and zinc, unworked	3	0	3	0	0	0	0
3324 Aluminum and alloys, unworked	338	192	53	0	93	0	0
3411 Fabricated metal products	26,003	20,313	2,175	914	2,485	1	95

Continued

Table TRANS 9. Continued.

Commodity classification	Total	Foreign		Domestic				
		Imports	Exports	Coastwise		Internal		Local
				Receipts	Shipments	Receipts	Shipments	
3511 Machinery, except electrical	11,679	1,286	3,637	590	490	1,540	2,725	1,411
3611 Electrical machinery and equipment	11,474	7,258	405	0	3,585	0	226	0
3711 Motor vehicles, parts equipment	25,003	24,094	890	2	17	0	0	0
3721 Aircraft and parts	5	0	5	0	0	0	0	0
3731 Ships and boats	791	17	612	86	5	71	0	0
3791 Miscellaneous transportation equipment	87	0	82	0	0	0	5	0
3811 Instruments, photo, optical goods	52	24	28	0	0	0	0	0
3911 Miscellaneous manufactured products	987	117	220	0	0	0	650	0
4011 Iron and steel scrap	110,144	0	110,104	0	0	20	20	0
4012 Nonferrous metal scrap	483	1	463	0	0	19	0	0
4022 Textile waste, scrap, sweep	39	0	39	0	0	0	0	0

Continued

Table TRANS 9 . Concluded .

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
4024 Paper waste and scrap	11,728	0	11,728	0	0	0	0	0	0
4112 Commodities, nec	323	76	247	0	0	0	0	0	0
9999 Department of Defense and Sci <sup>a</sup>	140	0	140	0	0	0	0	0	0

<sup>a</sup> Not elsewhere classified .<sup>b</sup> Special category items .

Table TRANS 10. Port of Charlotte freight traffic (short tons) in 1960 (U.S. Army Corps of Engineers 1962).

Commodity classification	Foreign				Domestic			
	Total	Imports	Exports	Receipts	Coastwise		Internal	
					Receipts	Shipments	Receipts	Shipments
Total	1,349,182	91,413	221,850	134,875	670,189	235	227,492	3,128
040 Fish and products, fresh	1,421	0	0	0	0	150	0	1,271
049 Shellfish and products	339	87	0	0	0	50	0	202
094 Shells, unmanufactured	7,200	0	0	0	0	0	7,200	0
514 Residual fuel oil	446,456	91,324	0	134,875	0	0	220,257	0
722 Construction, mining machinery, parts	70	0	0	0	0	35	35	0
781 Motor vehicles excluding Sci <sup>a</sup>	3	0	3	0	0	0	0	0
783 Watercraft and parts	2	2	0	0	0	0	0	0
852 Phosphate rock	876,932	0	221,828	0	655,104	0	0	0
854 Superphosphate	15,085	0	0	0	15,085	0	0	0
926 Ice	1,655	0	0	0	0	0	0	1,655
980 Low-valued shipments	19	0	19	0	0	0	0	0

<sup>a</sup> Special category items

Table TRANS 11. Port of Charlotte freight traffic (short tons) in 1965 (U.S. Army Corps of Engineers 1967) .

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Local	
				Receipts	Shipments	Receipts	Shipments		
Total	1,834,997	91,884	638,326	59,328	895,197	21,859	125,830	2,573	
0911 Fresh fish, except shellfish	2,951	0	0	0	0	1,290	215	1,446	
0912 Shellfish	453	11	0	0	0	0	35	407	
1442 Sand and gravel	14,022	0	14,022	0	0	0	0	0	
1471 Phosphate rock	1,468,066	0	608,283	0	839,374	20,369	5,040	0	
2095 Ice	720	0	0	0	0	0	0	720	
2819 Basic chemicals and products, nec <sup>a</sup>	8	0	8	0	0	0	0	0	
2841 Soap	10,672	0	0	0	10,672	0	0	0	
2873 Superphosphate	38,278	0	16,579	0	20,653	0	1,046	0	
2874 Phosphatic fertilizer, nec	11,481	0	0	0	11,481	0	0	0	
2875 Ammonium sulphate, all grades	3,306	0	0	3,306	0	0	0	0	
2879 Fertilizer and materials, nec	4,383	0	4,383	0	0	0	0	0	
2891 Miscellaneous chemical products	51	0	51	0	0	0	0	0	
2915 Residual fuel oil	279,856	91,873	0	56,022	13,017	0	118,944	0	
3511 Machinery, except electrical	750	0	0	0	0	200	550	0	

<sup>a</sup> Not elsewhere classified.

Table TRANS 12. Port of Charlotte freight traffic (short tons) in 1970 (U.S. Army Corps of Engineers 1972).

Commodity classification	Total	Foreign		Domestic				Local
		Imports	Exports	Coastwise		Internal		
				Receipts	Shipments	Receipts	Shipments	
Total	2,589,227	419,911	690,899	187,054	674,210	944	615,697	512
0911 Fresh fish, except shellfish	662	0	0	0	0	582	0	0
0912 Shellfish, except prepared	839	0	0	0	0	137	270	432
1471 Phosphate rock	1,125,843	0	486,060	0	628,310	0	11,473	0
2095 Ice	764	0	0	0	0	0	764	0
2414 Timber, posts, poles, piling	160	0	0	0	0	100	60	0
2871 Nitrogenous chemical fertilizers	2,180	0	2,180	0	0	0	0	0
2873 Phosphatic chemical fertilizers	124,914	0	100,840	0	24,074	0	0	0
2879 Fertilizer and materials, nec <sup>a</sup>	123,241	0	101,415	0	21,826	0	0	0
2915 Residual fuel oil	1,148,485	419,911	0	125,569	0	0	603,005	0
2916 Lubricating oils and greases	40,509	0	0	40,509	0	0	0	0
2918 Asphalt, tar, and pitches	20,976	0	0	20,976	0	0	0	0

Continued

Table TRANS 12. Concluded.

Commodity classification	Foreign		Domestic			
	Total	Imports	Exports	Coastwise		Internal
				Receipts	Shipments	Receipts
3316 Iron and steel plates, sheets	398	0	398	0	0	0
3911 Machinery, except electrical	256	0	6	0	0	125
						125
						0

<sup>a</sup> Not elsewhere classified.

Table TRANS 13. Port of Charlotte freight traffic (short tons) 1975 (U.S. Army Corps of Engineers 1977).

Commodity classification	Foreign			Domestic				
	Total	Imports	Exports	Coastwise		Internal		Local
				Receipts	Shipments	Receipts	Shipments	
Total	2,259,601	311,948	356,574	623,593	29,656	3,172	934,593	65
0911 Fresh fish, except shellfish	256	0	0	0	0	103	88	65
0912 Shellfish, except prepared	294	0	0	0	0	294	0	0
1471 Phosphate rock	85,967	0	80,182	0	5,785	0	0	0
2095 Ice	240	0	0	0	0	0	240	0
2872 Potassic chemical fertilizers	1,198	0	0	0	1,198	0	0	0
2873 Phosphatic chemical fertilizers	102,670	0	100,670	0	2,000	0	0	0
2879 Fertilizer and materials, nec <sup>a</sup>	196,333	0	175,660	0	20,673	0	0	0
2914 Distillate fuel oil	489,746	0	0	261,988	0	0	227,758	0
2915 Residual fuel oil	1,379,708	311,948	0	361,605	0	0	706,155	0
3291 Misc nonmetallic mineral products	2,550	0	0	0	0	2,550	0	0
3411 Fabricated metal products	282	0	62	0	0	0	220	0
3511 Machinery, except electrical	357	0	0	0	0	225	132	0

<sup>a</sup> Not elsewhere classified.

Table TRANS 14. Port of Charlotte freight traffic (short tons) in 1978 (U.S. Army Corps of Engineers 1980).

Commodity classification	Total	Foreign		Domestic					
		Imports	Exports	Coastwise		Internal		Shipments	Local
				Receipts	Shipments	Receipts	Shipments		
Total	1,748,036	380,101	398,86	160,752	127,605	16,854	663,346	515	
0911 Fresh fish, except shellfish	144	0	0	0	0	46	0	98	
0912 Shellfish, except prepared	456	0	0	0	0	150	0	306	
1471 Phosphate rock	195,081	0	90,461	0	104,620	0	0	0	
2095 Ice	196	0	0	0	0	0	85	111	
2819 Basic chemicals and products, nec <sup>a</sup>	1,653	0	1,653	0	0	0	0	0	
2873 Phosphatic chemical fertilizers	113,248	0	94,263	0	18,985	0	0	0	
2879 Fertilizer and materials, nec	216,486	0	212,486	0	4,000	0	0	0	
2914 Distillate fuel oil	56,394	0	0	12,353	0	0	44,041	0	
2915 Residual fuel oil	1,147,720	380,101	0	148,399	0	0	619,220	0	
3291 Miscellaneous nonmetallic mineral products	15,893	0	0	0	0	15,893	0	0	
3511 Machinery, except electrical	765	0	0	0	0	765	0	0	

<sup>a</sup> Not elsewhere classified.

Table TRANS 15. Port of St. Petersburg freight traffic (short tons) in 1960 (U.S. Army Corps of Engineers 1962).

Commodity classification	Total	Internal	
		Receipts	Shipments
Total	577,631	577,371	260
040 Fish and products, fresh	429	429	0
094 Shells, unmanufactured	436,024	436,024	0
507 Gasoline	16,334	16,334	0
510 Gas oil, distillate fuel oil	6,429	6,287	142
513 Kerosene	18,394	18,276	118
514 Residual fuel oil	93,812	93,812	0
554 Sand, gravel, crushed rock	4,263	4,263	0
608 Iron and steel pipe	590	590	0
612 Metal manufactures and parts, nec <sup>a</sup>	1,356	1,356	0

<sup>a</sup> Not elsewhere classified.

Table TRANS 16. Port of St. Petersburg freight traffic (short tons) in 1965 (U.S. Army Corps of Engineers 1967).

Commodity classification	Total	Internal	
		Receipts	Shipments
Total	347,449	346,959	490
0911 Fresh fish, except shellfish	1,200	1,200	0
0931 Marine shells, unmanufactured	267,750	267,750	0
2095 Ice	450		450
2911 Gasoline	1,180	1,180	0
2913 Kerosene	5,914	5,914	0
2914 Distillate fuel oil	12,261	12,221	60
2915 Residual fuel oil	58,694	58,694	0

Table TRANS 17. Port of St. Petersburg freight traffic (short tons) in 1970 (U.S. Army Corps of Engineers 1972).

Commodity classification	Total	<u>Foreign</u> Imports	<u>Domestic</u>	
			<u>Coastwise</u> Receipts	<u>Internal</u> Receipts Shipments
Total	467,682	278	21,967	445,302 135
0911 Fresh fish, except shellfish	216	216	0	0
0931 Marine shells, unmanufactured	376,400	0	0	376,400 0
2011 Meat, fresh, chilled, frozen	2	2	0	0
2031 Fish and shellfish, prepared	8	8	0	0
2042 Prepared animal feeds	52	52	0	0
2914 Distillate fuel oil	10,500	0	0	10,500 0
2915 Residual fuel oil	79,920	0	21,967	57,953 0
3411 Fabricated metal products	314	0	0	314 0
3511 Machinery, except electrical	270	0	0	135 135

Table TRANS 18. Port of St. Petersburg freight traffic (short tons) in 1975 (U.S. Army Corps of Engineers 1977).

Commodity classification	Foreign			Domestic		
	Total	Imports	Exports	Coastwise Receipts	Internal	
					Receipts	Shipments
Total	331,994	1,399	7	216,233	114,328	27
0911 Fresh fish, except shellfish	1,008	993	0	0	15	0
0931 Marine shells, unmanufactured	102,600	0	0	0	102,600	0
2031 Fish and shellfish, prepared	220	220	0	0	0	0
2042 Prepared animal feeds	175	175	0	0	0	0
2095 Ice	27	0	0	0	0	27
2431 Veneer, plywood, worked wood	11	11	0	0	0	0
2891 Miscellaneous chemical products	2	0	2	0	0	0
2914 Distillate fuel oil	11,713	0	0	0	11,713	0
2915 Residual fuel oil	216,233	0	0	216,233	0	0
3011 Rubber and miscellaneous plastics products	5	0	5	0	0	0

Table TRANS 19. Port of St. Petersburg freight traffic (short tons) in 1978 (U.S. Army Corps of Engineers 1980) .

Commodity	Tons
Total	234,289
0911 Fresh fish, except shellfish	553
0912 Shellfish, except prepared	285
1471 Phosphate rock	40,326
2012 Meat and products, nec <sup>a</sup>	47
2095 Ice	125
2099 Miscellaneous food products	1
2211 Basic textile products	13
2611 Pulp	753
2691 Pulp and paper products, nec	28
2819 Basic chemicals and products, nec	59
2821 Plastic materials	2
2841 Soap	1
2851 Paints	1
2914 Distillate fuel oil	18,528
2915 Residual fuel oil	162,546
2916 Lubricating oils and greases	19
2921 Liquefied gases	7
3241 Building cement	21
3291 Miscellaneous nonmetallic mineral products	1,752
3315 Iron, steel shapes, excluding sheet	4
3317 Iron and steel pipe and tube	17
3411 Fabricated metal products	48
3511 Machinery, except electrical	139
3611 Electrical machinery and equipment	18
3711 Motor vehicles, parts, equipment	5
3731 Ships and boats	313

Continued

Table TRANS 19 - Concluded -

Commodity	Tons
3791 Miscellaneous transportation equipment	7
3911 Miscellaneous manufactured products	450
4011 Iron and steel scrap	8,217
4112 Commodities, nec	4

a Not elsewhere classified -

Table TRANS 20. Port of Manatee freight traffic (short tons) in 1960 (U.S. Army Corps of Engineers 1962).

Commodity classification	Tons	Internal	
		Receipts	Shipments
Total	22,032	44,064	4,124
049 Shellfish and products	150	0	0
094 Shells, unmanufactured	21,882	0	0

Table TRANS 21. Port of Manatee freight traffic (short tons) in 1965 (U.S. Army Corps of Engineers 1967) -

Commodity classification	Tons
Total	47,702
0911 Fresh fish, except shellfish	536
0912 Shellfish	430
0931 Marine shells, unmanufactured	46,085
2095 Ice	451
3511 Machinery, except electrical	200

Table TRANS 22. Port of Manatee freight traffic (short tons) in 1970 (U.S. Army Corps of Engineers 1972) .

Commodity classification	Tons
Total	86,216
0911 Fresh fish, except shellfish	536
0912 Shellfish	430
0931 Marine shells, unmanufactured	46,085
2095 Ice	451
3511 Machinery, except electrical	200

Table TRANS 23. Port of Manatee freight traffic (short tons) in 1975 (U.S. Army Corps of Engineers 1977).

Commodity classification	Tons
Total	260
1911 Fresh fish, except shellfish	136
2095 Ice	113
3315 Iron, steel shapes, except sheet	5
3511 Machinery, except electrical	2
3731 Ships and boats	4

Table TRANS 24 . Port of Manatee freight traffic (short tons) in 1978 (U.S. Army Corps of Engineers 1980) .

Commodity classification		Tons
Total		13,270
1499	Nonmetallic minerals, nec	898
2414	Timber, posts, poles, piling	21
3291	Miscellaneous nonmetallic mineral products	11,213
3315	Iron, steel shapes, except sheet	200
3411	Fabricated metal products	31
3511	Machinery except electrical	888
4012	Nonferrous metal scrap	19

Table TRANS 25. Loading and unloading equipment availability at ports as of December 1978 (Florida Department of Transportation 1978b) .

	Port of Manatee	Port of Tampa	Port of Charlotte	Port of St. Petersburg
Petroleum pipeline				
Chiksan	X	X	X	
Oil pits	X			
Payloaders	X			
Conveyors	X	X	X	
Cranes	X	X		
Bulldozers	X			
Frontend loaders	X			
Forklifts	X	X		X
Trucks	X			
Gantry cranes	X			
Stevedore furnished equipment				X
Equipment owned by individual operators		X		

Table TRANS 26 . Port of Manatee storage and capacity in 1978 (Florida Department of Transportation 1978b) .

---

Storage	Covered: 326,000 ft <sup>2</sup> (7.48 acres) Open: 60 acres
Special storage	Liquid bulk: 3,800,000 bbl Florida Power and Light Corp.: 2,000,000 bbl Belcher Oil Co.: 1,800,000 bbl
Berth facilities	#6: accommodates vessels up to 750 ft long, primarily for tankers transporting petroleum #7: 750 ft of space, primarily used for the dry bulk carriers; conveyor systems to four warehouses; served by rail #8: 788 ft of space, primarily for tankers and general cargo ships; pipeline to storage tanks, private warehouse and transit shed; warehouses and shed served by rail #9: 750 ft of space, primarily used by petroleum tankers; pipeline connections #10: same as #9 In addition, there are two barge berths .

---

Table TRANS 27 . Port of Tampa storage and capacity in 1978 (Florida Department of Transportation 1978b) .

---

Storage	<p>Covered: 843,738 ft<sup>2</sup> (19.37 acres)  Port Authority: 198,000 ft<sup>2</sup>  Private: 645,738 ft<sup>2</sup>  Open: 4,095,511 ft<sup>2</sup> (94.02 acres)  Port Authority: 941,767 ft<sup>2</sup> (21.62 acres)  Private: 3,153,744 ft<sup>2</sup> (72.40 acres)</p>
Special storage	<p>Refrigerated: Port Authority, cooler 250,000 ft<sup>3</sup>  freezer 1,500,000 ft<sup>3</sup>  private, cooler 38,000 ft<sup>3</sup>  Dry bulk: Port Authority, 273,000 tons  private, 41,600 tons  Liquid bulk: total 10,843,145 bbl  Petroleum: Port Authority, 1,318,000 bbl  private, 6,011,955 bbl  Petrochemicals: Port Authority, 1,322,000 bbl  Caustic soda: Port Authority, 101,190 bbl  Phosphoric acid: Port Authority, 65,000 bbl  private, 100,000 bbl  Liquid sulphur: private, 223,000 bbl  Asphalt: private, 202,000 bbl  Propane: private, 1,500,000 bbl  Anhydrous ammonia: private, 82,000 tons</p>
Berth facilities	<p>There is only one berth (#22) which is operated by the Port Authority. It is a cattle loading area. All other berths are privately operated.</p>

---

Table TRANS 28. Port of Charlotte storage and capacity in 1978 (Florida Department of Transportation 1978b).

---

Port consists of two deep water terminals:

- 1) Phosphate exporting terminal owned by Seaboard Coast Line
  - 2) Fuel terminal operated by Belcher Oil Co. which consists of two storage tanks with a total capacity of 360,000 bbl.
- 

Table TRANS 29. Port of St. Petersburg storage and capacity in 1978 (Florida Department of Transportation 1978b).

---

Port is suitable for small cargo vessels, barges, and government vessels. Bayboro Harbor is a privately owned port which accommodates several commercial establishments and a power plant.

---

Table TRANS 30 . Road miles of track by class of railroad for 1973, 1974, 1975 and 1980 (Florida Department of Transportation 1978a) .

Railroad class	1973	1974	1975	1980
Class I railroads	3,822 .75	3,783 .10	3,878 .38	4,172 .44
Classs II railroads	252 .99	253 .07	253 .07	246 .97
Military	N.D.	N.D.	N.D.	N.D.
Private	N.D.	N.D.	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	4,720 .53

Table TRANS 31. Road miles of track by railroad line for 1973, 1974 and 1975 (Florida Department of Transportation 1978a).

Railroad class and line	1973	1974	1975
<u>Class I</u>			
Florida East Coast	656 .52	609 .44	590 .00
Georgia Southern and Florida	36 .30	36 .30	N.D.
Louisville and Nashville	245 .63	235 .63	247 .00
St. Louis and San Francisco	47 .48	45 .15	48 .00
Seaboard Coast Line	2,836 .82	2,856 .58	2,993 .38
<u>Class II</u>			
Apalachicola Northern	95 .62	96 .00	96 .00
Atlanta and St. Andrews Bay	72 .46	72 .46	72 .46
Live Oak, Perry and South Georgia	85 .91	84 .61	84 .61

Table TRANS 32. Revenues and expenses for rail operations for 1973, 1974 and 1975 (Florida Department of Transportation 1978a).

Railroad	Year	Operating revenue (\$1,000)	Operating expense (\$1,000)
Class I railroads			
Florida East Coast	1973	47,612	27,617
	1974	47,383	30,538
	1975	42,079	29,042
Georgia Southern and Florida	1973	4,357	4,126
	1974	4,673	4,277
	1975	4,541	3,809
Louisville and Nashville	1973	13,134	9,883
	1974	14,735	11,387
	1975	14,257	11,036
St. Louis and San Francisco	1973	912	707
	1974	1,120	849
	1975	1,124	879
Seaboard Coast Line	1973	180,191	138,646
	1974	193,701	148,187
	1975	153,596	142,021
Class II Railroads			
Apalachicola Northern	1973	3,599	1,613
	1974	3,764	1,830
	1975	3,203	1,511
Atlanta and St. Andrews Bay	1973	4,192	2,525
	1974	N.D.	2,932
	1975	5,496	3,513
Live Oak, Perry and South Georgia	1973	941	960
	1974	912	N.D.
	1975	706	1,059

Continued

Table TRANS 32. Concluded.

Railroad	Year	Operating revenue (\$1,000)	Operating expense (\$1,000)
Terminal companies			
Jacksonville terminal	1973	2,297	2,297
	1974	2,535	2,535
	1975	2,373	63,636
Municipal docks	1973	61	67
	1974	103	48
	1975	N.D.	N.D.
St. Johns River terminal	1973	1,918	1,408
	1974	2,633	1,589
	1975	2,167	1,626
Total	1973 <sup>a</sup>	256,917	187,282
	1974 <sup>b</sup>	268,112	198,705
	1975 <sup>c</sup>	227,169	194,496

<sup>a</sup> Excluded Jacksonville Terminal Co.

<sup>b</sup> Excluded Jacksonville Terminal Co., Atlanta and St. Andrews Bay, Live Oak, Perry and South Georgia.

<sup>c</sup> Excluded Jacksonville Terminal Co. and Municipal Docks Railway Co.

Table TRANS 33. Total road miles<sup>a</sup> of track in 1980 for selected Florida railroads (Florida Department of Transportation 1981b).

County	Seaboard Coastline	Apalachicola Northern	Atlanta and St. Andrews Bay and	Live Oak, Perry Southern Georgia
Charlotte	47.50	0.0	0.0	0.0
Collier	34.26	0.0	0.0	0.0
DeSoto	50.54	0.0	0.0	0.0
Hillsborough	215.43	0.0	0.0	0.0
Lee	41.98	0.0	0.0	0.0
Manatee	49.84	0.0	0.0	0.0
Monroe	0.0	0.0	0.0	0.0
Pasco	98.93	0.0	0.0	0.0
Pinellas	70.12	0.0	0.0	0.0
Sarasota	32.36	0.0	0.0	0.0
Region	640.95	0.0	0.0	0.0

<sup>a</sup> No single track miles for Florida East Coast, Georgia Southern and Florida, Louisville and Nashville, and St. Louis and San Francisco.

Table TRANS 34 . Total revenue freight (tons) carried by Class I railroads in Florida in 1971 (Florida Department of Transportation 1980d) .

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	2,437,776	812,712	129,426
Nonmetallic minerals except fuels	34,610,968	3,248,535	2,218,761
Food and kindred products	5,254,366	748,541	459,090
Lumber and wood products, except furniture	6,172,302	257,566	544,352
Pulp and paper	2,694,463	216,243	415,357
Chemicals	8,205,273	270,409	886,617
Petroleum and coal products	854,887	153,227	57,325
Stone, clay and glass	6,937,889	377,116	443,712
Primary metal products	860,245	137,398	137,188
Transportation equipment	695,909	323,267	227,758
Other	3,420,185	877,990	556,052
Total	72,144,263	7,423,004	6,075,638

Continued

Table TRANS 34 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	38,789	3,970
Nonmetallic minerals except fuels	675,761	73,445
Food and kindred products	260,417	39,964
Lumber and wood products, except furniture	1,541,952	299,322
Pulp and paper	405,008	179,132
Chemicals	1,333,798	69,552
Petroleum and coal products	266,681	5,344
Stone, clay and glass	577,022	76,688
Primary metal products	28,141	4,091
Transportation equipment	43,612	177
Other	351,822	32,301
Total	5,523,003	783,986

Table TRANS 35. Total revenue freight (tons) carried by Class I railroads in Florida in 1972 (Florida Department of Transportation 1980d).

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	2,474,412	864,112	119,450
Nonmetallic minerals except fuels	38,012,568	3,143,365	2,082,846
Food and kindred products	5,189,887	806,313	483,418
Lumber and wood products, except furniture	7,099,232	290,267	584,668
Pulp and paper	2,820,584	221,537	458,143
Chemicals	8,478,407	277,586	936,495
Petroleum and coal products	916,610	137,640	51,125
Stone, clay and glass	7,058,453	505,766	587,699
Primary metal products	750,820	119,187	134,748
Transportation equipment	772,814	364,463	258,360
Other	4,223,219	1,156,086	642,484
Total	77,797,006	7,886,322	6,339,436

Continued

Table TRANS 35 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	62,331	8,759
Nonmetallic minerals except fuels	726,753	80,606
Food and kindred products	362,484	101,346
Lumber and wood products, except furniture	1,615,333	343,052
Pulp and paper	504,359	231,196
Chemicals	1,461,700	63,022
Petroleum and coal products	297,343	3,882
Stone, clay and glass	633,264	91,899
Primary metal products	66,663	1,690
Transportation equipment	69,459	137
Other	562,219	30,002
Total	6,361,908	955,591

Table TRANS 36. Total revenue freight (tons) carried by Class I railroads in Florida in 1973 (Florida Department of Transportation 1980d).

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	2,939,428	1,017,747	140,129
Nonmetallic minerals except fuels	39,087,889	3,490,283	2,385,820
Food and kindred products	5,694,495	1,030,307	491,279
Lumber and wood products, except furniture	7,507,033	363,352	604,836
Pulp and paper	2,867,112	236,302	449,937
Chemicals	9,223,175	285,892	1,137,419
Petroleum and coal products	994,781	144,645	65,012
Stone, clay and glass	7,509,719	632,246	678,010
Primary metal products	898,833	138,365	209,221
Transportation equipment	896,320	416,713	280,802
Other	5,498,852	1,504,113	835,829
Total	83,117,637	9,270,065	7,278,294

Continued

Table TRANS 36 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	66,778	2,235
Nonmetallic minerals except fuels	962,413	70,392
Food and kindred products	501,010	75,739
Lumber and wood products, except furniture	1,600,191	333,796
Pulp and paper	557,403	194,794
Chemicals	1,692,333	66,103
Petroleum and coal products	331,147	2,588
Stone, clay and glass	760,410	115,811
Primary metal products	162,339	2,273
Transportation equipment	88,708	150
Other	525,545	24,604
Total	7,248,277	888,485

Table TRANS 37. Total revenue freight (tons) carried by Class I railroads in Florida in 1974 (Florida Department of Transportation 1980d).

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	2,463,305	862,867	177,362
Nonmetallic minerals except fuels	40,469,885	3,400,209	1,944,734
Food and kindred products	5,762,085	920,686	493,303
Lumber and wood products, except furniture	7,090,011	298,771	657,552
Pulp and paper	3,023,238	266,046	471,105
Chemicals	9,108,853	275,967	1,018,354
Petroleum and coal products	948,877	137,098	65,563
Stone, clay and glass	6,584,252	481,364	637,009
Primary metal products	889,566	166,108	244,518
Transportation equipment	684,802	292,848	201,482
Other	5,264,262	1,668,774	851,416
Total	82,289,136	8,770,738	6,762,398

Continued

Table TRANS 37 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	94,037	5,121
Nonmetallic minerals except fuels	1,051,743	107,099
Food and kindred products	428,800	97,274
Lumber and wood products, except furniture	1,336,189	341,171
Pulp and paper	555,363	190,055
Chemicals	1,825,336	61,777
Petroleum and coal products	340,436	1,978
Stone, clay and glass	669,809	90,744
Primary metal products	93,887	5,157
Transportation equipment	43,876	259
Other	685,340	20,991
Total	7,124,816	921,626

Table TRANS 38. Total revenue freight (tons) carried by Class I railroads in Florida in 1975 (Florida Department of Transportation 1980d).

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	2,424,261	932,433	99,579
Nonmetallic minerals except fuels	37,677,254	2,976,362	1,788,623
Food and kindred products	5,739,145	942,869	438,071
Lumber and wood products, except furniture	5,694,154	214,553	501,521
Pulp and paper	2,687,044	190,973	355,964
Chemicals	9,303,433	262,422	980,650
Petroleum and coal products	712,091	106,697	42,851
Stone, clay and glass	5,023,249	347,449	431,441
Primary metal products	607,513	108,154	184,033
Transportation equipment	560,177	246,298	180,712
Other	4,507,903	1,460,942	821,034
Total	74,936,224	7,789,152	5,824,479

Continued

Table TRANS 38 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	130,857	2,031
Nonmetallic minerals except fuels	692,175	69,370
Food and kindred products	553,305	307,892
Lumber and wood products, except furniture	953,176	292,984
Pulp and paper	482,378	133,042
Chemicals	1,798,288	33,507
Petroleum and coal products	283,217	1,248
Stone, clay and glass	468,882	47,941
Primary metal products	50,057	4,152
Transportation equipment	25,755	136
Other	618,397	16,525
Total	6,056,487	908,828

Table TRANS 39. Total revenue freight (tons) carried by Class I railroads in Florida in 1976 (Florida Department of Transportation 1980d).

Product	Seaboard Coastline	Florida East Coast	Georgia Southern and Florida
Farm products	1,918,738	592,242	148,693
Nonmetallic minerals except fuels	36,406,858	3,188,098	1,683,402
Food and kindred products	5,984,207	1,161,840	509,232
Lumber and wood products, except furniture	6,229,994	223,977	681,172
Pulp and paper	3,016,416	226,603	524,188
Chemicals	10,217,521	284,265	775,899
Petroleum and coal products	799,830	124,282	45,632
Stone, clay and glass	5,086,221	354,737	449,272
Primary metal products	604,606	65,069	173,672
Transportation equipment	688,445	317,762	224,100
Other	4,666,240	1,635,876	828,880
Total	75,619,076	8,174,751	6,004,142

Continued

Table TRANS 39 . Concluded .

Product	Louisville and Nashville	St Louis and San Francisco
Farm products	234,641	2,945
Nonmetallic minerals except fuels	763,129	65,280
Food and kindred products	747,465	427,465
Lumber and wood products, except furniture	1,125,305	346,907
Pulp and paper	519,993	155,133
Chemicals	2,053,133	39,183
Petroleum and coal products	213,434	893
Stone, clay and glass	407,878	42,676
Primary metal products	57,726	2,507
Transportation equipment	29,098	165
Other	843,663	24,463
Total	6,999,465	1,108,108

Table TRANS 40. Location and identification of commercial and general aviation airports in 1979 (Florida Department of Transportation 1980a).

County	Airport
Charlotte	Rotunda International Charlotte County
Collier	Everglades Immokalee Naples Municipal, Marco Island
De Soto	Arcadia Municipal
Hillsborough	Brandon Hillsborough Airport Millers Airstrip Plant City Municipal Tampa International Airport Vandenberg Peter O. Knight
Lee	Lee County, Page Field Lehigh Acres West
Manatee	N.D.
Monroe	Key West International Marathon Flight Strip Summerland Key Cove Tavernaero (Lowe's)
Pasco	North Tampa Airport West Pasco Hidden Lake Airport Zephyrhills Municipal
Pinellas	Clearwater Executive Albert Whitted St. Petersburg, Clearwater
Sarasota	Buchan Sarasota, Bradenton Venice Municipal

Table TRANS 41 . Number of airports by type in 1980 (Florida Department of Transportation 1980a) .

County	Commercial	General Aviation
Charlotte	0	2
Collier	0	4
DeSoto	0	1
Hillsborough	1	6
Lee	1	1
Manatee	0	0
Monroe	1	2
Pasco	0	4
Pinellas	0	3
Sarasota	1	3
Region	4	26

Table TRANS 42. Commercial airport passenger, cargo and mail for 1960, 1965, 1970, 1975, 1978 and 1979 (Florida Department of Transportation 1980a).

Year and county	Enplaned passengers	Total cargo (tons)	Mail (tons)
<u>1960</u>			
Hillsborough County Tampa International	414,944	2,724.60	1,044.60
Lee County Lee County Page Field	15,446	260.40	29.00
Monroe County Key West International	12,272	24.80	30.60
Sarasota County Sarasota, Bradenton	30,480	123.10	65.70
<u>1965</u>			
Hillsborough County Tampa International	853,680	5,234.98	1,928.50
Lee County Lee County Page Field	27,504	292.16	45.51
Monroe County Key West International	10,202	27.77	30.10
Sarasota County Sarasota, Bradenton	53,132	380.83	43.30
<u>1970</u>			
Hillsborough County Tampa International	1,526,373	11,427.00	4,725.00
Lee County Lee County Page Field	46,357	569.00	90.00
Monroe County Key West International	N.D.	N.D.	N.D.
Sarasota County Sarasota, Bradenton	146,445	584.00	71.00

Continued

Table TRANS 42. Concluded.

Year and county	Enplaned passengers	Total cargo (tons)	Mail (tons)
<u>1975</u>			
Hillsborough County Tampa International	2,574,972	14,638.12	6,598.12
Lee County Lee County Page Field	143,765	272.64	13.03
Monroe County Key West International	N.D.	N.D.	N.D.
Sarasota County Sarasota, Bradenton	297,419	780.32	22.81
<u>1978</u>			
Hillsborough County Tampa International	3,464,672	16,656.39	7,941.36
Lee County Lee County Page Field	344,153	880.18	8.92
Monroe County Key West International	N.D.	N.D.	N.D.
Sarasota County Sarasota, Bradenton	458,254	990.49	.06
<u>1979</u>			
Hillsborough County Tampa International	4,067,447	N.D.	N.D.
Lee County Lee County Page Field	421,667	N.D.	N.D.
Monroe County Key West International	87,591	N.D.	N.D.
Sarasota County Sarasota, Bradenton	551,553	N.D.	N.D.

Table TRANS 43. Total air carrier operations<sup>a</sup>, first and second level<sup>b</sup>, in Florida commercial airports in 1970, 1975 and 1980 (Federal Aviation Administration ca. 1971, ca. 1976, ca. 1981; Florida Department of Transportation 1981a).

Airport	Year		
	1970	1975	1980
Tampa International	80,546 <sup>c</sup>	98,370 <sup>d</sup>	135,392 <sup>e</sup>
Key West International	1,978	N.D. <sup>d</sup>	N.D. <sup>e</sup>
Fort Myers	4,444	4,405	19,433
Sarasota, Bradenton	8,663	13,173	22,849

<sup>a</sup> Landings and take-offs.

<sup>b</sup> First level includes international carriers (Pan Am, TWA, Eastern and National) Data does not include commuter flights.

<sup>c</sup> Includes 317 from St. Petersburg-Clearwater International Airport.

<sup>d</sup> Key West International suspended commercial operations in 1971 and resumed operations in 1978.

<sup>e</sup> In 1974, 3,021.

Table TRANS 44. Commercial airport facility characteristics in 1980 (Florida Department of Transportation 1981a).

Facility	Tampa International	Lee County Page Field	Key West International	Sarasota Bradenton
Storage				
T-type hangars	0	40	0	29
Storage				
conventional hangars	6	4	1	4
Storage				
tie down positions	0	100	50	100
Helipoint base	none	none	none	none
Sea plane base	none	none	none	none
# jets based	0	0	0	0
# total based aircraft	102	150	40	117
# military local	237	320	97	1,316
# military itinerant	374	237	174	356
# air carrier	122,820	10,166	0	17,181
# air taxi	16,742	4,175	8,477	6,210
Total runways	6	4	2	4
Runway # and lengths	#09 7,000 ft #27 7,000 ft #18 8,300 ft #36 8,300 ft #18 8,700 ft #36 8,700 ft	#05 5,900 ft #23 6,000 ft #13 5,000 ft #31 4,500 ft	#09 4,800 ft #27 4,800 ft	#04 5,000 ft #22 5,000 ft #13 7,000 ft #31 7,000 ft

Table TRANS 45. Commercial airport based aircraft history and forecast for 1970, 1973, 1980, 1985 and 1990 (Florida Department of Transportation 1976a).

Airport	Actual		Forecast	
	1970	1973	1980	1990
Tampa International	41	50	97	151
Lee County, Page Field	86	90	180	231
Key West International	N.D.	37	52	259
Sarasota, Bradenton	108	115	157	67
				86
				196
				241

Table TRANS 46. Commercial airport annual aircraft movements, history and forecast for 1970, 1973, 1980, 1985 and 1990 (Florida Department of Transportation 1976a).

Airport	Actual		Forecast	
	1970	1973	1980	1990
Tampa International	74,500	64,000	100,600	140,300
Lee County, Page Field	108,700	80,069	186,300	298,300
Key West International	N.D.	59,473	112,564	145,733
Sarasota, Bradenton	122,400	100,000	183,800	231,800
				190,000
				472,200
				187,480
				302,800

Table TRANS 47. Commercial airports, air carrier enplanements, history and forecast for 1970<sup>a</sup>, 1973, 1980, 1985 and 1990 (Florida Department of Transportation 1976a).

Airport	1970	1973	1980	1985	1990
Tampa International	1,526,400	2,424,300	3,972,900	5,566,600	8,013,000
Lee County, Page Field	N.D.	147,400	350,500	631,600	992,200
Key West International	N.D.	N.D.	N.D.	N.D.	N.D.
Sarasota, Bradenton	146,400	275,400	434,600	784,500	1,155,100

<sup>a</sup> No data prior to 1970.

Table TRANS 48. Florida road mileage in 1971 (Florida Department of Transportation 1972).

County	Interstate (mi)	Other state highway systems	Total state highway systems
Charlotte	0	82,376	82,376
Collier	0	207,005	207,005
DeSoto	0	79,952	79,952
Hillsborough	49,557	299,299	348,856
Lee	0	124,015	124,015
Manatee	0	184,851	184,851
Monroe	0	129,754	129,754
Pasco	20,423	154,353	174,776
Pinellas	7,624	204,735	212,359
Sarasota	0	135,391	135,391
Region	77,604	1,601,731	1,679,335
Florida	850,726	11,035,696	12,157,775

Table TRANS 49. Florida road mileage in 1975 (Florida Department of Transportation 1976b).

County	Interstate (mi)	Other state highway systems	Total state highway systems
Charlotte	0	82 .4	82 .4
Collier	0	209 .0	209 .0
DeSoto	0	80 .0	80 .0
Hillsborough	49 .5	299 .3	348 .8
Lee	0	119 .8	119 .8
Manatee	0	177 .4	177 .4
Monroe	0	116 .2	116 .2
Pasco	20 .4	154 .2	174 .6
Pinellas	13 .4	199 .5	212 .9
Sarasota	0	135 .4	135 .4
Region	83 .3	1,573 .2	1,656 .5
Florida	996 .3	10,774 .8	12,098 .6

County	Other (county and city maintained)	Total mi in county
Charlotte	3,095 .0	3,249 .0
Collier	809 .5	1,195 .3
DeSoto	354 .7	489 .6
Hillsborough	3,185 .3	3,709 .2
Lee	3,681 .0	3,879 .8
Manatee	922 .8	1,114 .6
Monroe	451 .5	567 .7
Pasco	754 .1	1,071 .2
Pinellas	2,874 .0	3,086 .9
Sarasota	1,631 .5	1,781 .5
Region	17,759 .4	20,144 .8
Florida	85,532 .4	100,351 .9

Table TRANS 50. Florida road mileage in 1979 (Florida Department of Transportation 1980e).

County	Interstate (mi)	Other state highway systems	Total state highway systems
Charlotte	0	85 .5	85 .5
Collier	0	196 .1	196 .1
DeSoto	0	80 .0	80 .0
Hillsborough	49 .5	306 .6	356 .1
Lee	0	123 .1	123 .1
Manatee	3 .4	181 .4	184 .8
Monroe	0	116 .2	116 .2
Pasco	20 .4	151 .8	172 .2
Pinellas	24 .2	204 .2	228 .5
Sarasota	0	123 .0	123 .0
Region	97 .5	1,567 .9	1,665 .5
Florida	1,125 .2	10,216 .8	11,669 .1

County	Other (county and city maintained)	Total mi in county
Charlotte	1,904 .2	1,989 .7
Collier	991 .2	1,187 .3
DeSoto	404 .6	484 .6
Hillsborough	3,652 .1	4,008 .2
Lee	4,004 .8	4,127 .9
Manatee	1,005 .8	1,190 .6
Monroe	544 .8	661 .0
Pasco	1,069 .4	1,241 .6
Pinellas	3,957 .9	4,186 .4
Sarasota	1,358 .7	1,481 .7
Region	18,893 .5	20,559 .0
Florida	83,348 .7	95,017 .8



Figure 15. Pipelines in Florida (Florida Department of Transportation 1980b).

Table TRANS 51. Total number of motor vehicle license tags<sup>a</sup> sold in 1955, 1960, 1965, 1970-71, 1975-76 and 1979-80 (Florida Department of Highway Safety and Motor Vehicles 1979, 1980).

	1955	1960	1965	1970-71	1975-76	1979-80
Charlotte	3,862	9,542	14,138	22,134	44,941	71,346
Collier	4,907	10,201	17,363	35,426	71,336	104,278
De Soto	4,085	5,614	6,478	8,737	15,650	20,990
Hillsborough	151,385	218,135	263,164	341,750	584,803	641,615
Lee	19,177	33,841	48,603	88,192	166,733	240,502
Manatee	28,125	45,730	54,687	80,304	145,959	168,731
Monroe	14,725	22,394	26,928	32,851	52,048	61,294
Pasco	14,318	21,559	29,472	61,408	133,067	193,007
Pinellas	128,463	222,701	273,306	382,910	626,706	684,884
Sarasota	31,842	55,138	70,900	110,648	176,130	244,863
Region	400,889	644,855	805,039	1,164,360	2,017,373	2,431,510
Florida	1,800,969	2,703,881	3,439,211	4,875,493	8,218,658	10,180,656

<sup>a</sup>Includes passenger vehicles, buses, trucks, trailers, recreational vehicles, motor cycles and mobile homes.

Table TRANS 52. Florida pipeline volumes in tons per day and annually by Department of Transportation District for 1970, 1972, 1973 and 1974-75 (Florida Department of Transportation 1980c).

	1970	1972	1973	1974	1975
District I	3,443	3,440	3,439	3,225	2,829
District II	2,408	2,068	1,745	1,902	1,589
District III	6,301	3,396	3,130	3,101	2,625
District IV	6,906	7,608	7,152	6,818	5,965
District V	968	3,520	3,789	4,217	3,867
Florida	20,026	20,032	19,255	19,263	24,856 <sup>a</sup>
Annual	7,309,490	7,311,680	7,028,075	7,031,105	9,072,440

a Includes 7,981 tons per day delivered as exchange and transport and to compressor stations.

Table TRANS 53. Florida pipeline mileage in 1975 (Florida Department of Transportation 1980b).

Pipeline	mi
Natural gas lines:	
Florida Gas Transmission	2,482.8
Florida Gas (distribution)	2,212.0
South Georgia Natural Gas Co.	88.1
United Gas Pipe Line Co.	117.0
Total	4,899.9
Petroleum products lines:	
Everglades Pipe Line Co.	35.0
National Transmission Corp.	23.5
Central Florida Pipeline Corp.	84.6
Tampa Pipeline	10.6
Total	153.7
Crude oil collector lines:	
Sunniland Pipeland Co.	200.0
Exxon Pipeline Company (Jay)	30.0
South Florida Gathering Lines	75.0
Total	305.0
Grand Total	5,358.6



Figure 16. Florida Highways (Florida Department of Transportation 1978b).

Table TRANS 54 Roadway characteristics and volume range of average daily traffic in 1965 and 1977 (Florida Department of Transportation, Division of Transportation Planning ca. 1981c, ca. 1981d).

County	Road	Direction	Minimum width ft (meters)	Traffic volume range		Capacity level C
				1965	1977	
Charlotte	SR-31	NS.	20 ( 6.10)	500 to 700	900 to 3,200	8,100
	U.S. 17	NS.	22 ( 6.71)	1,200 to 3,000	2,800 to 7,100	8,800
	U.S. 41	NS.	48 (14.63)	5,900 to 12,000	11 000 to 31,500	29,200
Collier	SR-29	NS.	20 ( 6.10)	500 to 2,300	800 to 3,400	8,100
	SR-82	EW.	20 ( 6.10)	1,600 to 1,600	2,800 to 2,800	8,100
	SR-84	EW.	24 ( 7.32)	N.A.	2,100 to 3,600	9,400
	U.S. 41	NS.	24 ( 7.32)	1,800 to 8,500	1,800 to 25,200	9,400
DeSoto	SR-31	NS.	24 ( 7.32)	1,500 to 1,600	900 to 3,200	9,400
	SR-70	EW.	24 ( 7.32)	600 to 2,900	2,300 to 9,700	9,400
	SR-72	EW.	18 ( 5.49)	1,000 to 1,300	1,300 to 1,300	7,100
	U.S. 17	NS.	22 ( 6.71)	1,400 to 5,200	2,800 to 7,100	8,800
Hillsborough	SR-39	NS.	22 ( 6.71)	2,900 to 6,100	3,600 to 10,200	8,800
	SR-60	EW.	40 (12.19)	8,400 to 17,100	13,600 to 38,800	26,700
	U.S. 41	NS.	24 ( 7.32)	5,600 to 15,200	12,300 to 21,700	9,400
	U.S. 92	EW.	40 (12.199)	3,800 to 17,200	7,700 to 22,500	26,700
	U.S. 301	NS.	22 ( 6.71)	3,500 to 10,700	4,100 to 15,000	8,800
	I-4	EW.	48 (14.63)	13,000 to 18,200	22,700 to 40,200	29,200
	I-75	NS.	48 (14.63)	N.A.	16,400 to 95,200	29,200
	I-275	EW.	48 (14.63)	19,800 to 19,800	31,300 to 31,300	29,200
Lee	SR-31	NS.	20 ( 6.109)	,700 to 1,400	3,200 to 5,900	8,100
	SR-78	EW.	20 ( 6.10)	1,700 to 3,500	3,000 to 5,000	8,100
	SR-80	EW.	24 ( 7.32)	2,500 to 12,600	3,700 to 17,100	9,400

Table TRANS 54 . Continued .

County	Road	Direction	Minimum width ft (meters)	Traffic volume range		Capacity level C
				1965	1977	
Lee	SR-82 U.S. 41	EW. NS.	20 ( 6 .10) 48 (14 .63)	1,600 to 3,700 5,200 to 11,700	2,800 to 1,0100 9,200 to 2,1900	8,100 29,200
Manatee	SR-62 SR-64 SR-70 U.S. 19 U.S. 41 U.S. 301	EW. EW. EW. NS. NS. NS.	20 ( 6 .10) 24 ( 7 .32) 20 ( 6 .109) 48 (14 .63) 20 ( 6 .10) 24 ( 7 .32)	300 to 300 600 to 12,200 600 to 2,000 5,600 to 6,000 4,500 to 10,300 3,500 to 4,400	1,600 to 2,600 1,100 to 14,900 2,700 to 3,900 17,500 to 17,500 11,300 to 34,400 6,500 to 11,700	8,100 9,400 8,100 29,200 8,100 9,400
Monroe	U.S. 1	NS.	20 ( 6 .10)	2,600 to 17,000	6,400 to 13,000	8,800
Pasco	SR-39 SR-52 SR-54 U.S. 19 U.S. 41 U.S. 301 I-75	NS. EW. EW. NS. NS. NS. NS.	22 ( 6 .71) 20 ( 6 .10) 24 ( 7 .32) 48 (14 .63) 24 ( 7 .32) 22 ( 6 .71) 48 (14 .63)	2,000 to 2,000 500 to 2,700 400 to 2,600 4,600 to 14,500 4,400 to 7,000 5,100 to 12,900 N.A.	5,800 to 5,800 4,600 to 15,700 6,800 to 6,800 6,700 to 46,200 6,700 to 7,900 11,900 to 20,800 15,100 to 19,200	8,100 8,100 9,400 29,200 9,400 8,800 29,200
Pinellas	SR-60 SR-580 SR-584 U.S. 19 U.S. 92 I-275	EW. EW. EW. NS. EW. EW.	40 (12 .19) 24 ( 7 .32) 24 ( 7 .32) 48 (14 .63) 40 (12 .19) 48 (14 .63)	9,100 to 9,100 3,000 to 8,400 1,500 to 3,100 10,400 to 23,000 13,300 to 13,300 20,700 to 20,700	28,200 to 48,800 6,500 to 18,000 8,000 to 8,000 17,500 to 51,800 14,200 to 20,000 54,300 to 54,300	26,700 9,400 9,400 29,200 26,700 29,200

Continued

Table TRANS 54 . Concluded .

County	Road	Direction	Minimum width ft (meters)	Traffic volume range		Capacity level C
				1965	1977	
Sarasota	SR-72 U.S. 41	EW.	20 ( 6.10)	N.A.	400 to 8,200	8,100
		NS.	48 (14.63)	17,400 to 24,200	23,400 to 34,300	29,200

Table TRANS 55. Interstate natural gas pipeline statistics in 1972-79 (Federal Power Commission ca. 1973d, ca. 1974d, ca. 1975d, ca. 1976c; U.S. Department of Energy ca. 1978, ca. 1979, ca. 1980, ca. 1981).

Year	Thousands ft <sup>3</sup>			Mi of transmission pipe
	Total gas receipts	Total gas sales	Total gas deliveries	
Florida Gas Transmission Co. (FL, LA, TX, MS, AL)				
1972	270,492,577	129,051,889	270,498,878	4,258
1973	278,792,091	119,597,895	278,533,177	4,267
1974	260,933,617	113,741,953	260,872,810	4,266
1975	221,090,454	89,701,528	220,498,943	4,266
1976	222,077,746	83,870,423	222,376,033	4,267
1977	304,576,292	111,838,105	304,175,948	4,274
1978	325,830,621	133,648,528	325,551,497	4,279
1979	330,992,810	167,483,076	333,353,372	4,286
South Georgia Natural Gas Co. (AL, FL, GA)				
1972	26,564,543	26,264,664	26,443,883	769
1973	26,870,344	26,346,142	26,546,942	769
1974	27,017,390	26,688,104	26,850,936	769
1975	26,416,536	26,251,415	26,358,846	769
1976	23,417,633	23,358,396	23,407,068	770
1977	23,086,383	22,923,689	22,970,749	769
1978	26,034,367	26,011,046	26,097,197	649
1979	34,527,474	34,477,576	34,691,545	767

Continued

Table TRANS 55. Concluded.

Year	Thousands ft <sup>3</sup>			Mi of transmission pipe
	Total gas receipts	Total gas sales	Total gas deliveries	
United Gas Pipeline Co. (AL, FL, LA, MS, TX)				
1972	1,619,737,415	1,206,494,644	1,626,340,487	7,308
1973	1,578,117,222	1,075,134,897	1,588,667,615	7,308
1974	1,423,021,563	958,252,704	1,421,077,322	7,339
1975	1,443,210,078	873,133,887	1,436,922,889	7,309
1976	1,440,613,038	824,831,820	1,430,264,088	5,784
1977	1,546,132,684	837,201,098	1,536,942,255	7,247
1978	1,566,555,814	823,576,366	1,559,374,027	7,267
1979	1,880,152,581	934,856,538	1,869,313,722	7,287

Table TRANS 56 . Miles of gas transmission pipe by diameter (inches) in 1979 (U.S. Department of Energy ca. 1981) .

Company	0-5 inches	5.1-10 inches	10.1-15 inches	15.1-20 inches	20.1-25 inches	25.1-30 inches	over 30 inches
Florida Gas Transmission Co.	485	917	325	569	1,204	786	0
South Georgia Natural Gas Co.	295	266	206	0	0	0	0
United Gas Pipeline Co.	693	1,655	937	2,122	479	1,306	95

Table TRANS 57. Average daily traffic at Department of Transportation permanent traffic recording stations (Florida Department of Transportation, Division of Transportation Planning ca. 1981).

Station	Location	County	1965	1970	1975	1980	Percent change 1975-1980
13	U.S. 41 at SR-597	Pasco	7,045	8,515	14,610	17,400	19.1
14	U.S. 41, 4 mi S. of Punta Gorda	Charlotte	4,920	6,655	7,940	10,910	37.4
39	SR-80, at County Line	Lee	1,930	2,455	2,850	4,585	60.9
68	SR-70, 6 mi N.W. of Arcadia	DeSoto	635	1,490	2,185	3,135	43.5
79	U.S. 98-301, 5 mi N. of Dade City	Pasco	7,430	6,630	9,420	10,415	10.6
80	U.S. 92, 2 mi W. of Plant City	Hillsborough	3,750	5,015	6,120	6,695	9.4
86	U.S. 92, W. side of Gandy Bridge	Pinellas	8,955	10,795	12,071	13,797	14.3
94	U.S. 41, S. of SR-84 in Naples	Collier	3,840	8,795	18,235	22,927	25.7
106	I-4, 4 mi W. of Plant City	Hillsborough	13,020	18,765	25,665	31,923	24.4
110	I-275, E. side of Frankland Bridge	Hillsborough	19,400	32,055	40,470	48,165	19.0
123	I-75, 0.6 mi of I-4	Hillsborough	N.A.	58,025	N.A.	92,000	N.A.
143	SR-29, at Immokalee	Collier	N.A.	N.A.	3,955	4,763	20.4
145	U.S. 17, 1 mi N. of Arcadia	DeSoto	N.A.	N.A.	4,385	5,270	20.2
146	SR-64, 15 mi E. of Bradenton	Manatee	N.A.	N.A.	2,450	2,050	-16.3
147	SR-60, at SR-39	Hillsborough	N.A.	N.A.	10,070	11,244	11.7
148	U.S.19, at SR-688	Pinellas	N.A.	N.A.	22,130	23,520	6.3
155	U.S.1, at Lower Matecombe Key	Monroe	N.A.	N.A.	N.A.	6,400	N.A.

RECREATION AND TOURISM (R/T)

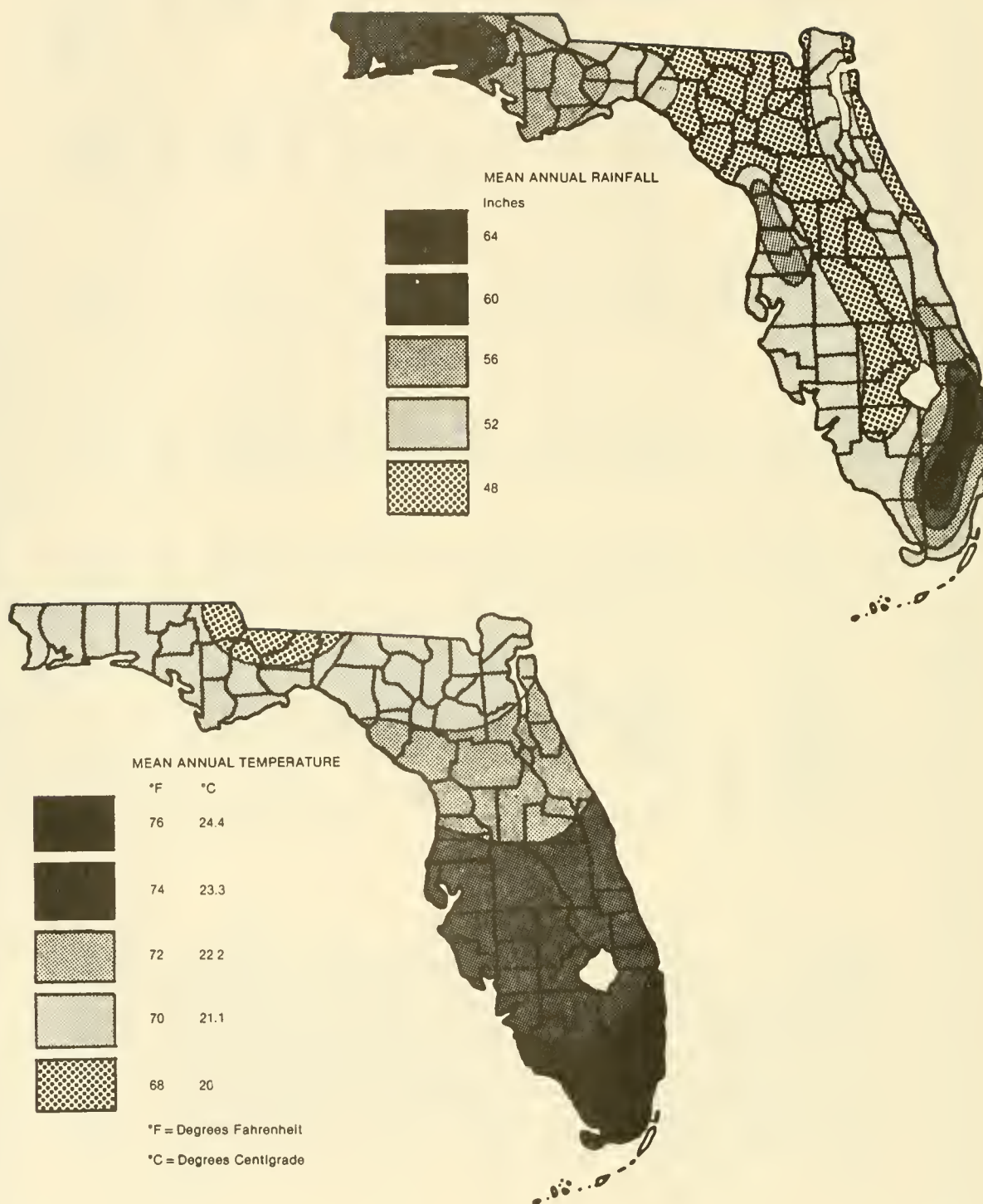


Figure 17. Mean annual rainfall and temperature in Florida (Wood and Fernald 1974).

Table R/T 1. Average temperatures<sup>a</sup> (°F) in 1955 (National Oceanic and Atmospheric Administration 1956).

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Charlotte	63.2	65.5	70.2	74.3	78.4	79.3	80.9	81.0	81.9	75.8	70.2	65.9
Collier	63.0	65.3	71.0	74.0	76.6	78.8	81.2	82.9	81.7	75.0	69.2	65.6
DeSoto	61.2	63.2	69.4	72.7	77.6	78.0	81.2	82.6	81.1	73.5	66.6	63.6
Hillsborough	56.0	60.2	65.8	71.4	76.8	78.6	80.6	82.0	80.6	73.2	65.6	61.1
Lee	61.1	64.5	69.0	73.2	77.6	78.9	80.6	82.6	81.4	74.4	66.9	62.4
Manatee	60.6	63.3	66.6	71.8	76.3	77.9	80.6	81.7	81.8	74.8	66.9	62.4
Monroe	68.1	70.3	75.7	77.5	80.4	82.3	82.2	84.4	82.9	77.4	75.2	71.4
Pasco	59.1	62.6	67.9	72.7	78.7	79.4	81.0	82.6	81.3	73.0	66.2	60.6
Pinellas	60.0	63.0	66.9	72.1	77.1	78.8	81.3	81.9	81.7	73.8	65.9	60.8
Sarasota	N.D.	N.D.	N.D.	N.D.	76.0	78.6	N.D.	N.D.	81.9	74.5	67.6	63.0

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county.

Table R/T 2. Average temperatures<sup>a</sup> (°F) in 1960 (National Oceanic and Atmospheric Administration 1961).

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Charlotte	64.8	65.1	66.5	73.9	76.8	81.5	83.1	82.9	81.2	79.5	73.0	61.6
Collier	65.6	65.9	66.1	73.2	76.4	80.9	82.8	83.6	N.D.	N.D.	63.2	62.1
DeSoto	61.5	62.0	63.3	71.6	74.3	79.3	N.D.	81.9	80.4	75.8	70.1	58.0
Hillsborough	60.7	60.8	61.9	72.3	74.9	79.4	81.8	82.6	81.2	76.9	70.0	58.0
Lee	63.1	62.9	64.5	72.6	75.6	80.6	82.5	83.2	81.6	78.8	72.7	61.6
Manatee	60.6	60.7	61.8	71.6	73.7	79.3	82.0	82.4	81.2	77.6	71.3	57.7
Monroe	69.9	69.5	70.0	76.2	78.7	82.4	83.7	83.0	82.5	81.8	76.7	67.8
Pasco	60.2	60.2	61.1	72.2	75.6	80.7	83.0	83.3	81.5	77.2	70.7	57.4
Sarasota	60.8	60.8	62.4	71.1	73.6	78.6	81.6	81.6	80.57	77.6	69.9	57.3

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county.

Table R/T 3. Average temperatures<sup>a</sup> (°F) in 1965 (National Oceanic and Atmospheric Administration 1966).

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Charlotte	63.0	65.9	69.2	75.6	77.8	80.0	81.5	82.8	82.0	N.D. <sup>a</sup>	69.0	N.D.
Collier	64.9	68.2	70.9	74.4	75.3	79.5	80.4	82.1	81.5	76.5	71.8	65.5
DeSoto	62.2	66.2	69.1	74.3	75.6	79.9	80.6	82.3	80.7	74.0	69.3	63.2
Hillsborough	60.1	67.6	67.4	73.5	76.7	79.4	80.4	81.6	80.6	73.2	67.8	61.6
Lee	64.8	67.8	69.8	75.5	77.9	80.5	81.7	82.7	81.6	76.4	71.4	66.0
Manatee	61.9	65.9	68.9	73.3	75.8	79.0	80.5	82.1	80.9	74.3	69.3	63.5
Monroe	69.9	73.1	74.5	78.2	79.1	82.1	83.6	84.1	82.4	79.3	74.7	7.0
Pasco	60.2	64.6	67.2	74.1	77.3	78.7	80.4	81.5	80.6	73.2	68.3	61.9
Pinellas	61.4	64.7	67.0	73.5	77.5	79.7	81.0	81.8	80.9	74.1	68.8	62.6
Sarasota	61.5	64.6	67.5	73.3	76.1	79.0	80.5	81.7	80.9	74.3	90.7	64.1

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county.

Table R/T 4. Average temperatures<sup>a</sup> (°F) in 1970 (National Oceanic and Atmospheric Administration 1971).

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Charlotte	57.6	60.3	67.0	73.5	75.2	79.6	81.7	82.2	81.1	76.8	64.2	63.6
Collier	60.2	61.2	68.5	75.4	75.7	80.2	81.0	82.5	81.4	77.2	66.4	65.3
DeSoto	57.1	59.4	66.8	74.1	73.9	78.7	80.1	81.0	79.9	75.3	62.6	63.4
Hillsborough	55.3	58.4	66.0	74.0	76.0	79.9	82.5	82.5	81.8	76.2	66.7	66.6
Lee	58.1	60.2	67.2	74.8	75.0	80.6	82.2	82.7	82.1	78.3	64.3	64.5
Manatee	57.8	59.7	67.0	73.7	75.9	79.8	82.0	82.2	81.6	76.7	71.4	71.0
Monroe	65.0	65.3	71.8	78.4	77.8	81.2	82.6	83.7	81.7	79.7	62.6	63.0
Pasco	54.6	57.1	66.1	74.0	76.0	79.5	81.9	81.8	81.1	75.9	64.5	64.6
Pinellas	56.0	58.8	66.4	74.2	77.0	80.3	82.9	82.8	82.4	77.6	62.8	62.3
Sarasota	54.4	56.9	66.7	74.4	75.4	80.0	82.1	82.3	81.2	76.1	62.8	62.3

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county.

Table R/T 5. Average temperatures<sup>a</sup> (°F) in 1975 (National Oceanic and Atmospheric Administration 1976).

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Charlotte	N.D.	N.D.	68.1	73.2	79.3	81.9	82.3	82.7	81.0	76.9	69.0	60.6
Collier	69.2	70.1	70.1	73.8	78.4	80.5	81.4	82.7	80.9	78.4	70.8	65.0
DeSoto	67.0	69.7	69.0	74.2	80.3	80.5	81.3	79.8	76.0	67.5	60.9	73.7
Hillsborough	65.8	66.6	68.3	74.1	80.7	81.6	81.9	82.6	87.0	77.2	67.9	60.5
Lee	69.5	70.6	71.3	75.1	80.7	82.4	82.0	83.8	81.1	79.0	70.6	63.7
Manatee	66.8	68.0	68.1	72.9	78.9	80.5	80.6	81.2	80.6	76.6	68.4	60.6
Monroe	72.9	73.9	75.7	82.0	81.4	82.4	82.6	82.1	81.4	82.6	73.8	69.6
Pasco	65.5	67.5	68.7	73.8	79.2	80.6	80.5	81.7	80.0	76.1	67.5	60.3
Pinellas	65.9	67.7	68.9	73.9	79.7	81.8	81.9	82.7	80.8	77.2	68.9	61.6
Sarasota	67.3	68.6	69.5	74.0	78.9	80.2	80.7	N.D.	81.0	78.2	69.1	61.5

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county.

Table R/T 6 . Average temperatures<sup>a</sup> (°F) in 1980 (National Oceanic and Atmospheric Administration 1981) .

County	Jan .	Feb .	Mar .	Apr .	May	June	July	Aug .	Sept .	Oct .	Nov .	Dec .
Charlotte	62 .9M	59 .0	69 .4	71 .3	76 .9	82 .6	84 .1	83 .7	82 .0	N .D .	N .D .	N .D .
Collier	65 .5	61 .9	71 .6	73 .8	78 .0	81 .7	82 .8	82 .7	82 .0	N .D .	N .D .	N .D .
DeSoto	61 .5	58 .0	69 .5	71 .1	76 .35	80 .3	81 .9	82 .3	80 .4	N .D .	N .D .	N .D .
Hillsborough	61 .9	56 .6	68 .8	70 .5	76 .5	80 .8	83 .5	83 .5	81 .7	N .D .	N .D .	N .D .
Lee	65 .1	60 .7	71 .6	72 .6	77 .9	83 .4	84 .4	84 .0	84 .7	N .D .	N .D .	N .D .
Manatee	61 .5	57 .7	68 .7	70 .2	76 .2	80 .2	82 .5	82 .6	81 .1	N .D .	N .D .	N .D .
Monroe	69 .3	65 .0	73 .9	76 .6	80 .0	82 .6	83 .8	84 .3	83 .1	N .D .	N .D .	N .D .
Pasco	61 .0	58 .0	68 .7	70 .9	76 .8	80 .7	83 .3	83 .5	81 .7	N .D .	N .D .	N .D .
Pinellas	61 .6	57 .3	68 .8	71 .8	77 .8	82 .2	83 .7	84 .2	82 .0	N .D .	N .D .	N .D .
Sarasota	62 .5	58 .6	70 .0	71 .0	76 .5	81 .3	82 .5	82 .3	81 .8	N .D .	N .D .	N .D .

<sup>a</sup> Figures were derived by averaging the temperatures recorded at all the reporting stations within each county .

Table R/T 7 Climate and geography in 1980 (Florida Department of Commerce, Division of Economic Development 1980b)

County	Land area (mi <sup>2</sup> )	Elevation (ft)	Average annual rainfall (inches)	Average summer temperature (°F)	Average winter temperature (°F)
Charlotte	703	3	52 55	81 9	64 0
Collier	2 006	4	51 40	82 4	67 8
DeSoto	648	56	50 66	81 9	63 0
Hillsborough	1,038	15-121	48 48	81 5	60 4
Lee	785	7	52 39	81 5	63 8
Manatee	739	9-17	54 60	81 2	61 5
Monroe	1,034	10	38 03	83 6	69 9
Pasco	742	0	55 00	81 1	60 3
Pinellas	265	0-75	54 53	82 7	62 1
Sarasota	587	18	57 11	80 1	61 5

Table R/T 8. Demand, supply and need, history and projections for selected outdoor recreation activities in Charlotte County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1990	1980
Saltwater beach activities	329.3	395.3	43.6	7,184 (lin ft)
Freshwater swimming (non-pool)	36.6	45.8	50.6	5 (lin ft)
Saltwater fishing (boat)	98.8	123.5	136.3	N.D.
Saltwater fishing (non-boat)	454.3	520.7	573.3	17,484 (lin ft)
Freshwater fishing (boat)	18.2	22.7	25.0	N.D.
Freshwater fishing (non-boat)	23.8	29.4	32.5	1,433 (lin ft)
Boat ramp use, saltwater	50.0	59.1	65.0	23 (lanes)
Boat ramp use, freshwater	0.0	0.0	0.0	3 (lanes)
Camping, RV, trailer	100.3	120.1	132.0	734 (sites)
Camping, tent	0.5	0.7	0.8	486 (sites)
Picnicking	53.4	65.4	72.1	339 (tables)
Horseback riding	27.5	33.7	37.2	0 (mi)
Nature study	25.5	33.3	36.8	1.0 (mi)
Hiking	77.5	90.4	99.6	24.3 (mi)
Canoeing	1.6	2.1	2.8	0 (mi)
Bicycle riding	542.1	665.7	734.0	3.0 (mi)
Visiting archaeological, historical sites	34.9	40.5	44.6	2 (sites)
				840

Continued

Table R/T 8. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	0	0	0
Freshwater swimming (non-pool)	179	225	249
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	137	167	184
Nature study	0	0	0
Hiking	0	0	0
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	1,903	2,515	2,854
Visiting archaeological, historical sites	0	0	0

Continued

Table R/T 8. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1990	1980
Hunting	34.3	46.5	51.3	1,394,888
Golf	137.6	165.4	182.2	2,548
Tennis	29.0	37.3	41.1	528
Baseball, softball	10.4	13.8	15.3	930
Football, soccer, rugby	6.5	8.6	9.5	568
Outdoor racquetball, handball	7.8	10.4	11.5	64
Outdoor basketball	10.9	14.5	16.0	288
Outdoor swimming pool use	544.4	621.8	684.6	4,743
Outdoor shuffleboard	95.0	107.7	118.6	624

Continued

Table R/T 8. Concluded.

Recreational activity	Needs		
	User occasions		
	1980	1985	1990
Hunting	0	0	0
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	0
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	0
Outdoor shuffleboard	0	0	0

<sup>a</sup> Recreational vehicle.

Table R/T 9. Demand, supply and need, history and projections for selected outdoor recreation activities in Collier County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units 1980	User occasions 1980
	1980	1985		
Saltwater beach activities	3,415.7	3,879.9	8,223 (lin ft)	3,289
Freshwater swimming (non-pool)	9.8	11.5	900 (lin ft)	360
Saltwater fishing (boat)	623.9	709.4	N.D.	N.D.
Saltwater fishing (non-boat)	402.3	459.7	9,576 (lin ft)	1,596
Freshwater fishing (boat)	9.7	13.3	N.D.	N.D.
Freshwater fishing (non-boat)	23.0	30.5	2,717 (lin ft)	453
Boat ramp use, saltwater	163.1	187.7	28 (lanes)	4,480
Boat ramp use, freshwater	3.7	5.1	20 (lanes)	3,200
Camping, RV <sup>a</sup> , trailer	1,123.0	1,239.5	1,785 (sites)	7,140
Camping, tent	5.3	7.2	192 (sites)	768
Picnicking	330.5	383.2	454 (tables)	3,632
Horseback riding	4.2	5.8	37.1 (mi)	2,968
Nature study	277.6	313.7	3.1 (mi)	775
Hiking	787.1	872.2	368.6 (mi)	46,075
Canoeing	13.7	16.0	14.0 (mi)	0
Bicycle riding	900.0	1,064.8	14.3 (mi)	3,734
Visiting archaeological, historical sites	150.4	168.6	5 (sites)	2,101

Continued

Table R/T 9. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1990	1980
Hunting	179.4	246.2	271.9	4,654,428
Golf	632.3	742.4	817.6	9,885
Tennis	236.0	282.7	311.5	3,938
Baseball, softball	20.5	28.0	30.9	2,698
Football, soccer, rugby	20.7	28.2	31.2	1,008
Outdoor racquetball, handball	15.0	19.6	21.7	512
Outdoor basketball	12.0	16.4	18.1	1,512
Outdoor swimming pool use	1,407.2	1,606.1	1,767.9	9,091
Outdoor shuffleboard	323.0	360.4	396.5	800
Continued				

Table R/T 9. Continued.

	Needs		
	User occasions		
	1980	1985	1990
Recreational activity			
Saltwater beach activities	13,635	15,936	17,871
Freshwater swimming (non-pool)	0	0	0
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	398	682	912
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	601	779	936
Hiking	0	0	0
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	726	1,542	2,078
Visiting archaeological, historical sites	0	0	0
Continued			

Table R/T 9. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	0	0	0
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	0
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	0
Outdoor shuffleboard	800	986	1,165

<sup>a</sup> Recreational vehicle.

Table R/T 10. Demand, supply and need, history and projections for selected outdoor recreation activities in Hillsborough County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1980	1980
Saltwater beach activities	1,852.8	2,061.9	14,310 (lin ft)	5,724
Freshwater swimming (non-pool)	616.0	698.1	15 (lin ft)	6
Saltwater fishing (boat)	536.6	594.2	N.D.	N.D.
Saltwater fishing (non-boat)	706.3	788.0	15,560 (lin ft)	2,593
Freshwater fishing (boat)	599.0	684.8	N.D.	N.D.
Freshwater fishing (non-boat)	168.9	194.3	97,415 (lin ft)	16,236
Boat ramp use, saltwater	137.3	154.9	20 (lanes)	3,200
Boat ramp use, freshwater	552.6	633.0	33 (lanes)	5,280
Camping, RV <sup>a</sup> , trailer	4,177.8	4,615.1	2,931 (sites)	11,724
Camping, tent	114.1	125.5	274 (sites)	1,096
Picnicking	1,248.3	1,405.5	2,199 (tables)	17,592
Horseback riding	768.6	885.5	9.6 (mi)	768
Nature study	878.8	984.3	11.4 (mi)	2,850
Hiking	609.1	680.3	14.4 (mi)	1,800
Canoeing	73.9	85.1	18.8 (mi)	0
Bicycle riding	1,735.0	1,992.9	56.8 (mi)	14,830
Visiting archaeological, historical sites	895.8	995.4	1 (sites)	420

Continued

Table R/T 10. Continued.

	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
Recreational activity	1980	1985	1980	1980
Hunting	107.1	121.3	1 (acres)	18
Golf	774.0	857.0	432 (holes)	12,098
Tennis	751.0	863.6	190 (courts)	4,180
Baseball, softball	805.3	919.2	175 (fields)	16,279
Football, soccer, rugby	576.4	664.1	26 (fields)	2,912
Outdoor racquetball, handball	305.5	351.9	7 (courts)	224
Outdoor basketball	656.0	754.4	144 (goals)	5,184
Outdoor swimming pool use	2,757.8	3,107.3	30 (pools)	11,858
Outdoor shuffleboard	176.1	193.9	56 (courts)	896

Continued

Table R/T 10. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	3,456	4,493	5,526
Freshwater swimming (non-pool)	3,046	3,453	3,809
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	906	1,311	1,707
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	8,977	11,144	13,440
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	3,040	3,619	4,077
Nature study	1,504	2,027	2,524
Hiking	1,218	1,571	1,913
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	0	0	0
Visiting archaeological, historical sites	4,018	4,512	5,009
	Continued		

Table R/T 10. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	3,551	4,026	4,448
Golf	0	0	0
Tennis	0	99	544
Baseball, softball	0	0	0
Football, soccer, rugby	0	379	722
Outdoor racquetball, handball	1,290	1,520	1,702
Outdoor basketball	0	0	0
Outdoor swimming pool use	1,807	3,539	5,113
Outdoor shuffleboard	0	65	161

<sup>a</sup> Recreational vehicle.

Table R/T 11. Demand, supply and need, history and projections for selected outdoor recreation activities in Lee County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
Recreational activity	1980	1985	1980	1980
Saltwater beach activities	4,637.3	5,292.3	46,035 (lin ft)	18,414
Freshwater swimming (non-pool)	143.7	184.2	60 (lin ft)	24
Saltwater fishing (boat)	523.1	645.0	N.D.	N.D.
Saltwater fishing (non-boat)	512.6	613.2	65,711 (lin ft)	10,952
Freshwater fishing (boat)	63.1	79.7	N.D.	N.D.
Freshwater fishing (non-boat)	48.5	58.8	14,100 (lin ft)	2,350
Boat ramp use, saltwater	194.2	243.3	32 (lanes)	5,120
Boat ramp use, freshwater	31.6	39.1	16 (lanes)	2,560
Camping, RV <sup>a</sup> , trailer	744.1	834.7	6,102 (sites)	24,408
Camping, tent	20.3	26.7	766 (sites)	3,062
Picnicking	357.7	426.3	4,181 (tables)	33,448
Horseback riding	15.8	20.3	30.1 (mi)	2,408
Nature study	497.8	559.8	18.5 (mi)	4,625
Hiking	405.3	472.8	13.7 (mi)	1,713
Canoeing	26.8	34.8	43.5 (mi)	0
Bicycle riding	1,629.7	1,932.4	31.2 (mi)	8,146
Visiting archaeological, historical sites	293.8	332.8	6 (sites)	2,521

Continued

Table R/T 11. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units 1980	User occasions 1980
	1980	1985		
Hunting	49.4	63.6	1,800 (acres)	32,397
Golf	409.4	505.9	388 (holes)	10,865
Tennis	532.6	631.9	198 (courts)	4,356
Baseball, softball	156.4	203.3	61 (fields)	5,674
Football, soccer, rugby	31.4	41.3	11 (fields)	1,232
Outdoor racquetball, handball	0.0	0.0	13 (courts)	416
Outdoor basketball	84.1	110.5	30 (goals)	1,080
Outdoor swimming pool use	2,403.8	2,757.5	52 (pools)	20,553
Outdoor shuffleboard	483.7	544.1	120 (courts)	1,920

Continued

Table R/T 11. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	4,564	7,809	10,456
Freshwater swimming (non-pool)	688	889	983
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	0	0	0
Hiking	296	630	868
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	0	1,429	2,404
Visiting archaeological, historical sites	0	0	0
Continued			

Table R/T 11. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	0	0	0
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	0
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	0
Outdoor shuffleboard	477	776	1,047

<sup>a</sup> Recreational vehicle.

Table R/T 12. Demand, supply and need, history and projections for selected outdoor recreation activities in Manatee County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	
	1980	1985	1990	User Occasions 1980
Saltwater beach activities	3,641.2	4,084.5	4,496.6	8,555 (lin ft)
Freshwater swimming (non-pool)	100.7	113.7	125.2	170 (lin ft)
Saltwater fishing (boat)	208.7	245.5	270.8	N.D.
Saltwater fishing (non-boat)	425.2	487.6	537.3	8,834 (lin ft)
Freshwater fishing (boat)	16.5	20.0	22.1	N.D.
Freshwater fishing (non-boat)	16.5	20.0	22.1	170,779 (lin ft)
Boat ramp use, saltwater	99.3	115.1	126.8	11 (lanes)
Boat ramp use, freshwater	0	0	0	6 (lanes)
Camping, RV <sup>a</sup> , trailer	1,205.5	1,328.0	1,460.9	1,974 (sites)
Camping, tent	5.5	6.1	6.7	182 (sites)
Picnicking	346.0	397.4	438.0	476 (tables)
Horseback riding	18.4	21.2	23.4	6.0 (mi)
Nature study	113.3	136.2	1,150.4	5.0 (mi)
Hiking	288.0	319.9	352.0	3.0 (mi)
Canoeing	22.3	27.0	29.8	5.0 (mi)
Bicycle riding	1,665.3	1,875.0	2,064.5	15.0 (mi)
Visiting archaeological, historical sites	190.9	217.7	239.9	3 (sites)
				1,261

Continued

Table R/T 12. Continued.

Recreational	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1990	1980
Hunting	17.0	20.1	22.2	0 (acres)
Golf	520.2	591.8	651.9	243 (holes)
Tennis	296.1	334.8	368.8	79 (courts)
Baseball, softball	35.5	43.0	47.5	70 (fields)
Football, soccer, rugby	32.9	38.3	42.2	8 (fields)
Outdoor racquetball, handball	2.9	3.0	3.3	4 (courts)
Outdoor basketball	29.7	36.0	39.8	35 (goals)
Outdoor swimming pool use	1,328.4	1,481.9	1,631.1	20 (pools)
Outdoor shuffleboard	342.9	380.2	418.3	122 (courts)

Continued

Table R/T 12. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	14,620	16,817	18,859
Freshwater swimming (non-pool)	431	495	552
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	634	944	1,190
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	0	0	0
Hiking	1,052	1,210	1,369
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	4,335	5,374	6,313
Visiting archaeological, historical sites	0	0	0

Continued

Table R/T 12. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	568	671	740
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	89
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	177
Outdoor shuffleboard	0	0	121

<sup>a</sup> Recreational vehicle.

Table R/T 13. Demand, supply and need, history and projections for selected outdoor recreation activities in Monroe County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1980	1980
Recreational activity				
Saltwater beach activities	2,568.8	2,808.6	303,225 (lin ft)	121,290
Freshwater swimming (non-pool)	110.2	120.8	200 (lin ft)	80
Saltwater fishing (boat)	866.3	945.6	N.D.	N.D.
Saltwater fishing (non-boat)	429.9	469.9	524,581 (lin ft)	87,430
Freshwater fishing (boat)	67.2	73.9	N.D.	N.D.
Freshwater fishing (non-boat)	0.0	0.0	550 (lin ft)	92
Boat ramp use, saltwater	256.2	278.7	96 (lanes)	15,360
Boat ramp use, freshwater	3.0	3.3	4 (lanes)	640
Camping, RV <sup>a</sup> , trailer	1,235.1	1,356.8	4,147 (sites)	16,588
Camping, tent	311.8	342.4	768 (sites)	3,072
Picnicking	231.9	250.0	4,028 (tables)	32,224
Horseback riding	3.9	4.0	5.1 (mi)	408
Nature study	834.3	914.5	34.8 (mi)	8,700
Hiking	46.7	50.1	31.4 (mi)	3,925
Canoeing	16.8	18.2	219.0 (mi)	0
Bicycle riding	505.9	540.2	12.0 (mi)	3,133
Visiting archaeological, historical sites	673.6	739.9	8 (sites)	3,361

Continued

Table R/T 13. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1980	1980
Hunting	0.0	0.0	0 (acres)	0
Golf	64.5	69.2	130 (holes)	3,640
Tennis	91.3	96.8	90 (courts)	1,980
Baseball, softball	13.3	13.9	9 (fields)	837
Football, soccer, rugby	9.1	9.4	3 (fields)	336
Outdoor racquetball, handball	17.3	18.4	3 (courts)	96
Outdoor basketball	28.4	29.7	10 (goals)	360
Outdoor swimming pool use	626.5	683.5	37 (pools)	14,625
Outdoor shuffleboard	102.3	112.2	58 (courts)	848

Continued

Table R/T 13. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	0	0	0
Freshwater swimming (non-pool)	466	519	579
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	0	0	0
Hiking	0	0	0
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	0	0	0
Visiting archaeological, historical sites	0	305	672
Continued			

Table R/T 13. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	0	0	0
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	5
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	0
Outdoor shuffleboard	0	0	0

<sup>a</sup> Recreational vehicle.

Table R/T 14. Demand, supply and need, history and projections for selected outdoor recreation activities in Pasco County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	
	1980	1985	1990	1980
Saltwater beach activities	478.9	574.5	632.9	16,050 (lin ft)
Freshwater swimming (non-pool)	135.8	179.0	197.5	305 (lin ft)
Saltwater fishing (boat)	58.4	77.6	85.7	N.D.
Saltwater fishing (non-boat)	221.2	284.3	313.6	16,090 (lin ft)
Freshwater fishing (boat)	126.9	150.6	165.9	N.D.
Freshwater fishing (non-boat)	136.3	177.2	195.5	1,010 (lin ft)
Boat ramp use, saltwater	79.7	104.4	115.2	11 (lanes)
Boat ramp use, freshwater	8.2	11.2	12.4	5 (lanes)
Camping, RV, trailer	2,061.2	2,267.3	2,494.0	2,113 (sites)
Camping, tent	16.0	19.6	21.6	34 (sites)
Picnicking	135.3	188.9	208.1	1,118 (tables)
Horseback riding	40.1	54.9	60.7	0 (mi)
Nature study	152.0	178.0	1,196.0	1.7 (mi)
Hiking	85.4	105.3	116.1	2.6 (mi)
Canoeing	17.2	18.9	20.8	9.0 (mi)
Bicycle riding	1,705.7	1,949.6	2,146.1	0 (mi)
Visiting archaeological, historical sites	20.3	24.4	26.9	2 (sites)
				840

Continued

Table R/T 14. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)	1980	Resource facility units	User occasions
	1985	1990	1980	1980
Hunting	86.4	117.5	23,609 (acres)	424,928
Golf	206.3	252.3	236 (holes)	6,609
Tennis	32.0	43.7	61 (courts)	1,342
Baseball, softball	29.7	40.7	35 (fields)	3,256
Football, soccer, rugby	26.8	36.6	8 (fields)	896
Outdoor racquetball, handball	6.7	9.2	11 (courts)	352
Outdoor basketball	7.4	10.2	17 (goals)	612
Outdoor swimming pool use	824.5	987.5	26 (pools)	10,277
Outdoor shuffleboard	314.0	372.0	32 (courts)	1,312
Continued				

Table R/T 14. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	0	0	0
Freshwater swimming (non-pool)	551	765	857
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	507	710	801
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	1,761	2,782	3,906
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	199	272	301
Nature study	328	457	546
Hiking	98	197	250
Canoeing	N.D.	N.D.	N.D.
Bicycle riding	8,452	9,660	10,634
Visiting archaeological, historical sites	0	0	0
Continued			

Table R/T 14. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	0	0	0
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	5
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	0	0
Outdoor shuffleboard	244	531	718

<sup>a</sup> Recreational vehicle.

Table R/T 15. Demand, supply and need, history and projections for selected outdoor recreation activities in Pinellas County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	
	1980	1985	1990	1980
Saltwater beach activities	16,815.0	18,975.0	20,898.2	48,190 (1in ft)
Freshwater swimming (non-pool)	426.4	484.8	534.1	3,450 (1in ft)
Saltwater fishing (boat)	1,361.0	1,582.8	1,745.7	N.D.
Saltwater fishing (non-boat)	2,129.9	2,415.4	2,660.8	80,593 (1in ft)
Freshwater fishing (boat)	167.1	197.3	217.8	N.D.
Freshwater fishing (non-boat)	144.7	160.5	176.6	61,172 (1in ft)
Boat ramp use, saltwater	1,045.8	1,205.9	1,329.5	85 (lanes)
Boat ramp use, freshwater	36.5	43.7	48.3	29 (lanes)
Camping, RV <sup>a</sup> , trailer	2,714.0	2,985.4	3,284.0	6,621 (sites)
Camping, tent	137.6	156.1	172.0	67 (sites)
Picnicking	2,736.7	3,162.8	3,487.3	4,739 (tables)
Horseback riding	0.0	0.0	0.0	2.0 (mi)
Nature study	1,102.1	1,246.4	1,372.9	5.6 (mi)
Hiking	1,975.9	2,202.8	2,424.7	.1 (mi)
Canoeing	59.4	71.0	78.4	179.6 (mi)
Bicycle riding	3,523.6	4,032.4	4,444.0	2.3 (mi)
Visiting archaeological, historical sites	1,430.2	1,600.7	1,762.2	4 (sites)

Continued

Table R/T 15. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1990	1980
Hunting	15.8	18.6	20.6	0
Golf	2,206.0	2,531.4	2,790.2	814 (holes)
Tennis	1,094.6	1,270.4	1,401.0	535 (courts)
Baseball, softball	309.5	364.4	402.2	290 (fields)
Football, soccer, rugby	269.4	320.4	353.7	40 (fields)
Outdoor racquetball, handball	109.6	131.1	144.8	11 (courts)
Outdoor basketball	68.4	80.1	88.4	225 (goals)
Outdoor swimming pool use	8,430.2	9,367.6	10,309.5	72 (pools)
Outdoor shuffleboard	2,019.7	2,252.7	2,479.6	484 (courts)

Continued

Table R/T 15. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	64,042	74,744	84,274
Freshwater swimming (non-pool)	733	1,022	1,266
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	0	0
Camping, tent	414	506	584
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	4,061	4,776	5,403
Hiking	9,778	10,902	12,002
Canoeing	16,859	19,380	21,419
Bicycle riding	5,406	6,251	7,051
Visiting archaeological, historical sites	526	621	686
	Continued		

Table R/T 15. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	526	621	686
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	191	298	365
Outdoor basketball	0	0	0
Outdoor swimming pool use	13,313	17,958	22,625
Outdoor shuffleboard	2,264	3,418	4,542

<sup>a</sup> Recreational vehicle.

Table R/T 16. Demand, supply and need, history and projections for selected outdoor recreation activities in Sarasota County for 1980, 1985 and 1990 (Florida Department of Natural Resources, Division of Recreation and Parks 1980d).

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1980	1980
Saltwater beach activities	6,209.4	6,994.5	37,701 (lin ft)	15,080
Freshwater swimming (non-pool)	39.2	46.4	0 (lin ft)	0
Saltwater fishing (boat)	406.0	466.6	N.D.	N.D.
Saltwater fishing (non-boat)	514.5	573.3	38,421 (lin ft)	6,404
Freshwater fishing (boat)	52.6	60.4	N.D.	N.D.
Freshwater fishing (non-boat)	92.2	109.3	16,200 (lin ft)	2,700
Boat ramp use, saltwater	226.8	263.8	16 (lanes)	2,560
Boat ramp use, freshwater	0.0	0.0	3 (lanes)	480
Camping, RV, trailer	2,084.4	2,311.2	2,722 (sites)	10,888
Camping, tent	21.0	26.4	107 (sites)	428
picnicking	596.8	685.6	1,711 (tables)	13,688
Horseback riding	87.2	107.1	12.5 (mi)	1,000
Nature study	265.0	314.6	4.5 (mi)	1,125
Hiking	931.0	1,042.9	6.0 (mi)	800
Canoeing	18.6	22.5	0 (mi)	0
Bicycle riding	1,401.0	1,641.7	14.0 (mi)	3,655
Visiting archaeological, historical sites	421.3	475.7	2 (sites)	840

Continued

Table R/T 16. Continued.

Recreational activity	Demand		Supply	
	Resident and tourist user occasions (thousands)		Resource facility units	User occasions
	1980	1985	1980	1980
Hunting	19.1	23.8	15 (acres)	270
Golf	1,207.1	1,382.4	477 (holes)	13,358
Tennis	396.5	454.6	200 (courts)	4,400
Baseball, softball	30.7	37.4	92 (fields)	8,558
Football, soccer, rugby	75.4	94.8	27 (fields)	3,024
Outdoor racquetball, handball	8.6	10.8	14 (courts)	448
Outdoor basketball	26.8	33.6	66 (goals)	2,376
Outdoor swimming pool use	2,175.6	2,462.7	30 (pools)	11,858
Outdoor shuffleboard	534.9	593.6	41 (courts)	656

Continued

Table R/T 16. Continued.

Recreational activity	Needs		
	1980	1985	1990
Saltwater beach activities	15,687	19,577	23,073
Freshwater swimming (non-pool)	194	230	254
Saltwater fishing (boat)	N.D.	N.D.	N.D.
Saltwater fishing (non-boat)	0	0	0
Freshwater fishing (boat)	N.D.	N.D.	N.D.
Freshwater fishing (non-boat)	0	0	0
Boat ramp use, saltwater	0	0	0
Boat ramp use, freshwater	0	0	0
Camping, RV, trailer	0	564	1,712
Camping, tent	0	0	0
Picnicking	0	0	0
Horseback riding	0	0	0
Nature study	188	434	594
Hiking	3,813	4,368	4,888
Canoeing	0	0	0
Bicycle riding	3,286	4,479	5,111
Visiting archaeological, historical sites	1,247	1,517	1,754
Continued			

Table R/T 16. Concluded.

Recreational activity	Needs		
	1980	1985	1990
Hunting	367	522	605
Golf	0	0	0
Tennis	0	0	0
Baseball, softball	0	0	0
Football, soccer, rugby	0	0	0
Outdoor racquetball, handball	0	0	0
Outdoor basketball	0	0	0
Outdoor swimming pool use	0	345	1,578
Outdoor shuffleboard	1,994	2,285	2,580

<sup>a</sup> Recreational vehicle.

# NATIONAL SEASHORES

- 1 Gulf Islands
- 2 Canaveral

## NATIONAL MEMORIALS, MONUMENTS AND HISTORIC SITES

- 3 Fort Caroline
- 4 Castillo de San Marco
- 5 Fort Matanzas
- 6 Desoto
- 7 Mar-a-Lago
- 8 Fort Jefferson

## NATIONAL MARINE SANCTUARIES

- 9 Key Largo Coral Reef
- 10 Looe Key

## NATIONAL WILDERNESS AREAS

- 11 Bradwell Bay
- 12 Cedar Keys
- 13 Florida Keys
- 14 Island Bay
- 15 Passage Key
- 16 Pelican Island
- 17 St. Marks
- 18 Chassahowitzka
- 19 J N "Ding" Darling
- 20 Lake Woodruff
- 21 Apalachicola
- 22 Osceola
- 23 Ocala
- 24 Everglades
- 25 Biscayne

## NATIONAL FORESTS

- 21 Apalachicola
- 22 Osceola
- 23 Ocala
- 24 Everglades
- 25 Biscayne

## NATIONAL PARKS

- 24 Everglades
- 25 Biscayne

## NATIONAL PRESERVE

- 26 Big Cypress

## NATIONAL WILDLIFE REFUGES

- 27 St. Vincent Island
- 28 St. Marks
- 29 Cedar Key
- 30 Lake Woodruff
- 31 Chassahowitzka
- 32 Merritt Island
- 33 Pig Island
- 34 Pelican Island
- 35 Pinellas
- 36 Passage Key
- 37 Hobe Sound
- 38 Island Bay
- 39 Caloosahatchee
- 40 Pine Island
- 41 Matlacha Pass
- 42 Jay N. "Ding" Darling
- 43 Loxahatchee
- 44 National Key Deer
- 45 Great White Heron
- 46 Key West
- 47 St. Johns
- 48 Egmont Key
- 49 Okaloosa
- 50 Lower Suwannee

## NATIONAL ESTUARINE SANCTUARIES

- 51 Apalachicola Bay
- 52 Rookery Bay

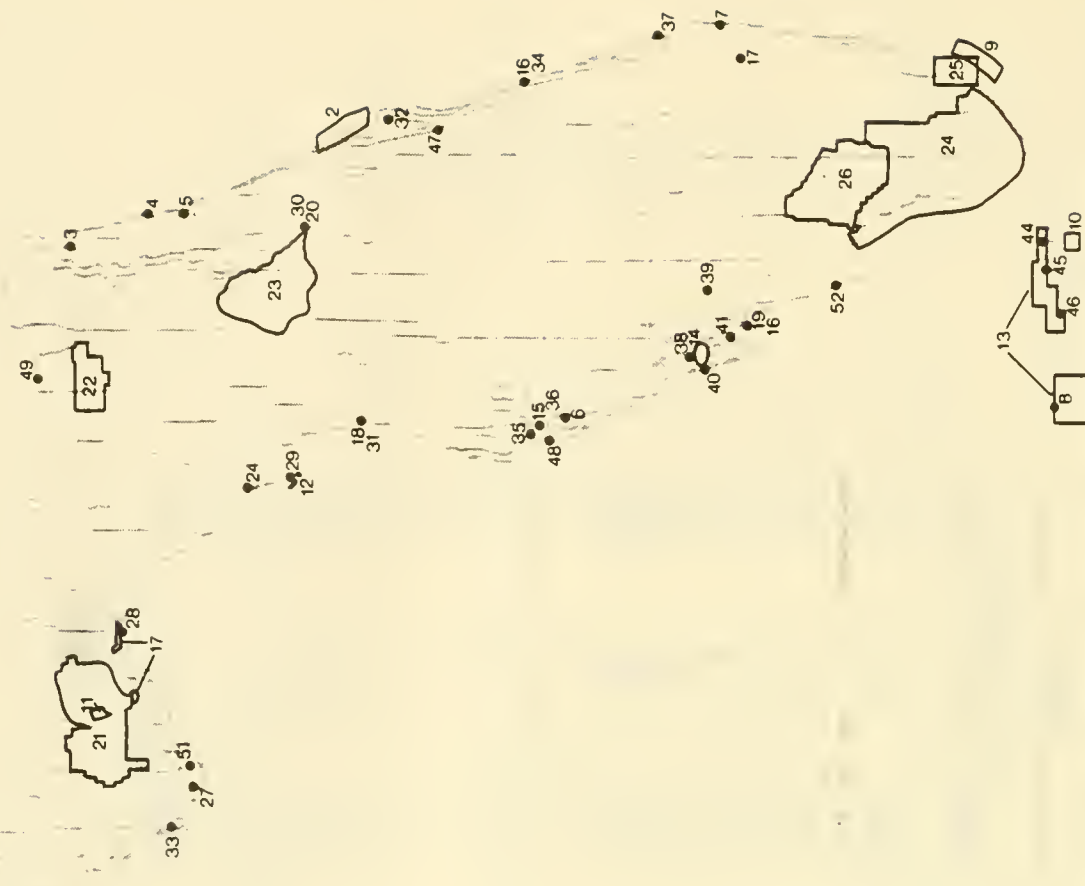


Figure 12. National seashores, memorials, monuments, historic sites, marine sanctuaries, estuarine sanctuaries, wilderness areas, forests, parks, wildlife refuges, and preserves (Florida Power and Light Co. 1979).

Table R/T 17. Federal public recreation and park facility inventory in 1980<sup>a</sup>  
(Florida Department of Natural Resources, Division of Recreation and Parks  
1980c).

Facility	Charlotte	Collier	Hillsborough
# of areas	2	1	1
# of acres:			
total	20.0	0.0	350.0
land	20.0	607,280.0	350.0
water	0.0	0.0	0.0
parking	0.0	0.0	0.0
developed	20.0	37,280.0	350.0
undeveloped	0.0	430,000.0	0.0
Buildings:			
recreation centers	0	0	0
other	0	0	0
Playing fields:			
baseball	0	0	0
junior baseball	0	0	0
softball	0	0	0
football	0	0	0
Courts:			
tennis	0	0	0
basketball	0	0	0
shuffleboard	0	0	0
handball	0	0	0
Hunting acres:			
upland	0.0	57,000.0	0.0
water	0.0	0.0	0.0
Boat ramps:			
saltwater	0	0	0
freshwater	0	5	0
Piers:			
saltwater	0	0	0
freshwater	0	0	0
Beach saltwater:			
footage (lin ft)	0	0	0
area (ft <sup>2</sup> )	0	0	0
Beach freshwater:			
footage (lin ft)	0	0	0
area (ft <sup>2</sup> )	0	0	0

Continued

Table R/T 17. Continued.

Facility	Charlotte	Collier	Hillsborough
Trails: (tenths of mi)			
hiking	0.0	29.7	0.0
bicycle	0.0	0.0	0.0
horseback	0.0	0.0	0.0
motorbike	0.0	0.0	0.0
nature	0.0	0.0	0.0
waterway	0.0	0.0	0.0
multipurpose	0.0	750.0	0.0
Equipped playing areas	0	0	0
Regulation golf holes	0	0	0
Swimming pools	0	0	0
Picnic sites:			
shelters	0	0	0
tables	0	0	0
Historical, archaeological sites:			
museums	2	0	0
other	0	1	0
Campsites:			
RV <sup>b</sup> , trailer acres	0.0	0.0	0.0
tent acres	0.0	0.0	0.0
primitive acres	0.0	0.0	0.0
Marinas:			
saltwater	0	0	0
freshwater	0	0	0

Continued

Table R/T 17. Continued.

Facility	Lee	Manatee	Monroe	Pinellas
# of areas	5	3	9	1
# of acres:				
total	4,971.0	61.1	1,007,519.2	377.0
land	4,971.0	61.1	960,494.2	377.0
water	0.0	0.0	47,025.0	0.0
parking	2.0	0.0	0.0	0.0
developed	4,940.0	41.4	1,004,756.2	377.0
undeveloped	31.0	19.7	13,385.2	0.0
Buildings:				
recreation centers	0	0	0	0
other	0	1	0	0
Playing fields:				
baseball	0	0	0	0
junior. baseball	0	0	0	0
softball	0	0	0	0
football	0	0	0	0
Courts:				
tennis	0	0	0	0
basketball	0	0	0	0
shuffleboard	0	0	0	0
handball	0	0	0	0
Hunting acres:				
upland	0.0	0.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	1	0	1	0
freshwater	0	0	0	0
Piers:				
saltwater	1	0	0	0
freshwater	0	0	0	0
Beach saltwater:				
footage (lin ft)	1,320	0	95,000	0
area (ft <sup>2</sup> )	132,000	0	195,000	0
Beach freshwater:				
footage (lin ft)	0	0	0	0
area (ft <sup>2</sup> )	0	0	0	0

Continued

Table R/T 17. Concluded.

Facility	Lee	Manatee	Monroe	Pinellas
Trails: (tenths of mi)				
hiking	0.0	0.0	31.4	0.0
bicycle	0.0	0.0	0.0	0.0
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.0	0.0	0.0
nature	6.9	0.6	31.0	0.0
waterway	0.0	0.0	219.0	0.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	0	0	0	0
Regulation golf holes	0	0	0	0
Swimming pools	0	0	0	0
Picnic sites:				
shelters	0	0	0	0
tables	5	0	72	0
Historical, archaeological sites:				
museums	1	1	2	0
other	0	0	1	0
Campsites:				
RV, trailer acres	2.0	0.0	240 spaces	0.0
tent acres	0.0	0.0	60 spaces	0.0
primitive acres	0.0	0.0	5.0	0.0
Marinas:				
saltwater	1	0	1	0
freshwater	0	0	0	0

<sup>a</sup> No data for DeSoto, Pasco and Sarasota Counties.

<sup>b</sup> Recreational vehicle.



Figure 19. State preserves, forests and parks (Florida Power and Light Co. 1979).



Figure 20. State wildlife management areas (Florida Power and Light Co. 1979).

Table R/T 18. State public recreation and park facility inventory in 1980  
(Florida Department of Natural Resources, Division of Recreation and Parks  
1980).

Facility	Charlotte	Collier	DeSoto	Hillsborough
# of areas	3	15	2	11
# of acres:				
total	75,735.0	299,566.8	0.2	9,243.9
land	62,712.5	251,304.8	0.2	9,243.9
water	13,022.5	48,262.0	0.0	0.0
parking	0.0	0.6	0.0	7.0
developed	62,500.0	250,994.3	0.2	5,935.4
undeveloped	13,235.0	48,572.4	0.0	3,308.5
Buildings:				
recreation centers	0	0	0	45
other	0	0	0	0
Playing fields:				
baseball	0	0	0	4
junior baseball	0	0	0	0
softball	0	0	0	0
football	0	0	0	0
Courts:				
tennis	0	0	0	0
basketball	0	0	0	0
shuffleboard	0	0	0	0
handball	0	0	0	0
Hunting acres:				
upland	62,500.0	200,000.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	0	1	0	2
freshwater	0	2	1	5
Piers:				
saltwater	0	1	0	0
freshwater	0	0	0	0
Beach saltwater:				
footage (lin ft)	5,484	5,808	0	0
area (ft <sup>2</sup> )	548,400	464,640	0	00
Beach freshwater:				
footage (lin ft)	0	100	0	900
area (ft <sup>2</sup> )	0	0	0	45,000

Continued

Table R/T 18. Continued.

Facility	Charlotte	Collier	DeSoto	Hillsborough
Trails: (tenths of mi)				
hiking	0.0	300.0	0.0	3.0
bicycle	0.0	0.0	0.0	0.4
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.0	0.0	0.0
nature	0.0	0.6	0.0	4.3
waterway	0.0	13.0	16.0	18.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	0	0	0	279
Regulation golf holes	0	0	0	0
Swimming pools	0	0	0	0
Picnic sites:				
shelters	0	0	0	0
tables	0	127	0	711
Historical, archaeological sites:				
museums	0	1	0	0
other	0	0	0	1
Campsites:				
RV <sup>a</sup> , trailer acres	0.0	9.0	0.0	30.0
tent acres	5.0	100.0	0.0	18.0
primitive acres	0.0	2.0	0.0	0.0
Marinas:				
saltwater	0	0	0	0
freshwater	0	0	0	0

Continued

Table R/T 18. Continued.

Facility	Lee	Manatee	Monroe	Pasco
# of areas	12	6	32	7
# of acres:				
total	94,205 .9	10,734 .8	75,949 .0	22,958 .1
land	2,945 .9	10,734 .8	3,971 .9	22,958 .1
water	91,260 .0	0.0	71,977 .1	0.0
parking	0.5	0.0	1.2	0.0
developed	156 .0	0.0	56,272 .8	19,860 .0
undeveloped	94,049 .9	0.0	19,676 .2	3,098 .1
Buildings:				
recreation centers	0	0	0	0
other	0	0	0	0
Playing fields:				
baseball	0	0	0	0
junior. baseball	0	0	0	0
softball	0	0	0	0
football	0	0	0	0
Courts:				
tennis	0	0	0	0
basketball	0	0	0	0
shuffleboard	0	0	0	0
handball	0	0	0	0
Hunting acres:				
upland	0.0	0.0	0.0	22,434 .0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	0	1	11	1
freshwater	1	2	0	0
Piers:				
saltwater	0	0	1	0
freshwater	0	0	0	0
Beach saltwater:				
footage (lin ft)	0	0	198,004	15,000
area (ft <sup>2</sup> )	0	0	3,243,000	1,500,000
Beach freshwater:				
footage (lin ft)	0	0	0	0
area (ft <sup>2</sup> )	0	0	0	0

Continued

Table R/T 18. Continued.

Facility	Lee	Manatee	Monroe	Pasco
Trails: (tenths of mi)				
hiking	0.0	0.0	0.0	0.0
bicycle	0.0	0.0	0.0	0.0
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.0	0.0	0.0
nature	0.7	4.3	2.8	0.0
waterway	11.0	5.0	0.0	8.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	0	0	0	0
Regulation golf holes	0	0	0	0
Swimming pools	0	0	0	0
Picnic sites:				
shelters	0	0	0	0
tables	34	219	3	14
Historical, archaeological sites:				
museums	1	3	3	0
other	0	0	1	0
Campsites:				
RV, trailer acres	0.0	0.0	0.0	0.0
tent acres	23.0	46.0	60.0	0.0
primitive acres	0.0	0.0	0.0	2.0
Marinas:				
saltwater	0	0	3	0
freshwater	0	1	0	0

Continued

Table R/T 18. Continued.

Facility	Pinellas	Sarasota
# of areas	14	5
# of acres:		
total	29,669 .6	19,307 .2
land	1,601 .3	19,307 .2
water	28,068 .3	0 .0
parking	0 .0	0 .0
developed	2,346 .3	19,187 .2
undeveloped	27,323 .3	118 .9
Buildings:		
recreation centers	0	0
other	0	0
Playing fields:		
baseball	0	0
junior baseball	0	0
softball	0	0
football	0	0
Courts:		
tennis	0	0
basketball	0	0
shuffleboard	0	0
handball	0	0
Hunting acres:		
upland	0 .0	0 .0
water	0 .0	0 .0
Boat ramps:		
saltwater	4	0
freshwater	0	1
Piers:		
saltwater	5	0
freshwater	0	0
Beach saltwater:		
footage (lin ft)	13,600	0
area (ft <sup>2</sup> )	1,360,000	0
Beach freshwater:		
footage (lin ft)	0	200
area (ft <sup>2</sup> )	0	10,000

Continued

Table R/T 18. Concluded.

Facility	Pinellas	Sarasota
Trails: (tenths of mi)		
hiking	0.0	0.0
bicycle	0.0	13.0
horseback	0.0	0.0
motorbike	0.0	0.0
nature	1.0	4.0
waterway	0.0	0.0
multipurpose	0.0	0.0
Equipped playing areas	0	0
Regulation golf holes	0	0
Swimming pools	0	0
Picnic sites:		
shelters	0	0
tables	47	368
Historical, archaeological sites:		
museums	0	3
other	0	0
Campsites:		
RV, trailer acres	0.0	46.0
tent acres	0.0	30.0
primitive acres	0.0	0.0
Marinas:		
saltwater	0	0
freshwater	0	0

<sup>a</sup> Recreational vehicle.

Table R/T 19. County public recreation and park facility inventory in 1980  
(Florida Department of Natural Resources, Division of Recreation and Parks  
1980c).

Facility	Charlotte	Collier	DeSoto	Hillsborough
# of areas	20	35	18	83
# of acres:				
total	145.5	2,561.3	100.4	6,053.2
land	145.5	2,361.3	75.4	4,203.2
water	0.0	0.0	25.0	1,850.0
parking	0.0	1.1	2.0	0.0
developed	137.0	633.0	84.4	3,805.7
undeveloped	7.0	1,926.7	3.0	2,161.0
Buildings:				
recreation centers	4	0	6	30
other	18	3	2	13
Playing fields:				
baseball	0	8	1	76
junior baseball	3	8	0	0
softball	5	5	0	3
football	0	4	0	4
Courts:				
tennis	3	33	2	30
basketball	6	29	10	0
shuffleboard	14	3	0	0
handball	0	0	0	0
Hunting acres:				
upland	0.0	0.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	3	2	0	8
freshwater	1	1	5	12
Piers:				
saltwater	2	0	1	0
freshwater	3	0	0	5
Beach saltwater:				
footage (lin ft)	12,000	500	0	1,200
area (ft <sup>2</sup> )	120,000	1,350,000	0	36,000
Beach freshwater:				
footage (lin ft)	500	0	0	1,600
area (ft <sup>2</sup> )	N.D.	0	0	200,000

Continued

Table R/T 19. Continued.

Facility	Charlotte	Collier	DeSoto	Hillsborough
Trails: (tenths of mi)				
hiking	0.0	0.0	0.0	7.0
bicycle	0.0	0.0	0.0	41.4
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.0	0.0	0.0
nature	0.0	0.0	0.0	3.7
waterway	0.0	0.0	0.0	0.0
multipurpose	0.0	0.0	0.0	1.0
Equipped playing areas	7	18	3	45
Regulation golf holes	0	0	0	0
Swimming pools	2	0	0	0
Picnic sites:				
shelters	6	0	0	6
tables	69	85	14	418
Historical, archaeological sites:				
museums	0	0	0	0
other	0	0	1	1
Campsites:				
RV <sup>a</sup> , trailer acres	0.0	0.0	3.0	0.0
tent acres	0.0	0.0	0.0	0.0
primitive acres	0.0	0.0	0.0	0.0
Marinas:				
saltwater	0	0	0	0
freshwater	0	0	0	0

Continued

Table R/T 19. Continued.

Facility	Lee	Manatee	Monroe	Pasco
# of areas	84	57	8	11
# of acres:				
total	2,448.0	630.0	94.9	100.7
land	2,298.0	630.0	94.9	100.7
water	1.0	0.0	0.0	0.0
parking	8.0	0.3	6.0	9.0
developed	1,949.3	537.0	69.4	68.7
undeveloped	233.7	93.0	25.5	2.0
Buildings:				
recreation centers	14	7	0	2
other	10	3	0	13
Playing fields:				
baseball	10	7	0	3
junior. baseball	18	5	0	6
softball	15	15	0	0
football	6	5	0	1
Courts:				
tennis	40	19	5	0
basketball	23	30	0	3
shuffleboard	11	1	2	1
handball	11	0	0	0
Hunting acres:				
upland	0.0	0.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	0	0	0	0
freshwater	5	5	0	1
Piers:				
saltwater	4	5	1	0
freshwater	1	1	0	1
Beach saltwater:				
footage (lin ft)	41,190	6,440	3,550	900
area (ft <sup>2</sup> )	8,422,000	503,000	136,000	43,000
Beach freshwater:				
footage (lin ft)	150	0	0	500
area (ft <sup>2</sup> )	N.D.	0	0	50,000

Continued

Table R/T 19. Continued.

Facility	Lee	Manatee	Monroe	Pasco
Trails: (tenths of mi)				
hiking	10.5	0.0	0.0	0.0
bicycle	10.5	0.0	0.0	0.0
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.2	0.0	0.0
nature	10.3	0.0	0.0	0.2
waterway	0.0	0.0	0.0	0.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	25	33	4	7
Regulation golf holes	0	0	0	0
Swimming pools	6	2	0	0
Picnic sites:				
shelters	10	0	0	0
tables	304	139	53	86
Historical, archaeological sites:				
museums	0	0	1	2
other	1	0	2	0
Campsites:				
RV, trailer acres	0.0	0.0	0.0	0.0
tent acres	105.0	0.0	0.0	0.0
primitive acres	100.0	0.0	0.0	0.0
Marinas:				
saltwater	226 slips	0	0	0
freshwater	0	0	0	0

Continued

Table R/T 19. Continued.

Facility	Pinellas	Sarasota
# of areas	33	60
# of acres:		
total	3,059.9	1,567.4
land	2,647.9	1,563.4
water	412.0	4.0
parking	0.0	0.0
developed	2,452.4	986.0
undeveloped	607.5	580.4
Buildings:		
recreation centers	2	9
other	1	38
Playing fields:		
baseball	11	17
junior baseball	7	14
softball	12	45
football	2	9
Courts:		
tennis	17	44
basketball	36	46
shuffleboard	0	24
handball	0	8
Hunting acres:		
upland	0.0	0.0
water	0.0	0.0
Boat ramps:		
saltwater	4	7
freshwater	6	0
Piers:		
saltwater	4	0
freshwater	0	0
Beach saltwater:		
footage (lin ft)	5,850	24,385
area (ft <sup>2</sup> )	1,363,750	1,858,250
Beach freshwater:		
footage (lin ft)	27,200	0
area (ft <sup>2</sup> )	N.D.	0

Continued

Table R/T 19. Concluded.

Facility	Pinellas	Sarasota
Trails: (tenths of mi)		
hiking	0.0	0.0
bicycle	2.0	0.0
horseback	0.0	0.0
motorbike	0.0	1.0
nature	3.1	0.4
waterway	1.5	0.0
multipurpose	0.0	0.0
Equipped playing areas	23	28
Regulation golf holes	0	0
Swimming pools	0	1
Picnic sites:		
shelters	1	2
tables	2,560	253
Historical, archaeological sites:		
museums	9	0
other	0	1
Campsites:		
RV, trailer acres	235	0.0
tent acres	0.0	30.0
primitive acres	0.0	0.0
Marinas:		
saltwater	0	0
freshwater	0	0

<sup>a</sup> Recreational vehicle.

Table R/T 20. Municipal public recreation and park facility inventory in 1980  
(Florida Department of Natural Resources 1980, Division of Recreation and Parks  
1980c).

Facility	Charlotte	Collier	DeSoto	Hillsborough
# of areas	6	16	11	94
# of acres:				
total	29.5	117.1	148.2	1,074.3
land	29.5	117.0	138.2	1,064.8
water	0.0	0.1	10.0	9.5
parking	0.0	1.5	0.0	0.0
developed	21.5	56.1	92.1	1,019.5
undeveloped	8.0	0.0	63.7	18.7
Buildings:				
recreation centers	1	3	3	23
other	0	14	7	42
Playing fields:				
baseball	0	2	1	28
junior baseball	1	3	1	23
softball	0	2	1	33
football	0	1	0	9
Courts:				
tennis	4	19	8	46
basketball	0	8	2	140
shuffleboard	0	12	12	24
handball	0	10	0	7
Hunting acres:				
upland	0.0	0.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	3	4	0	3
freshwater	0	0	0	2
Piers:				
saltwater	7	1	0	2
freshwater	0	0	0	0
Beach saltwater:				
footage (lin ft)	0	900	0	3,100
area (ft <sup>2</sup> )	0	45,000	0	N.D.
Beach freshwater:				
footage (lin ft)	0	900	0	0
area (ft <sup>2</sup> )	0	N.D.	0	0

Continued

Table R/T 20. Continued.

Facility	Charlotte	Collier	DeSoto	Hillsborough
Trails: (tenths of mi)				
hiking	0.3	0.0	0.0	0.0
bicycle	2.0	4.1	0.0	6.9
horseback	0.0	0.0	0.0	0.0
motorbike	0.0	0.0	0.0	0.0
nature	0.0	0.0	0.0	0.0
waterway	0.0	0.0	0.0	0.8
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	1	5	3	57
Regulation golf holes	1	0	9	18
Swimming pools	0	2	0	7
Picnic sites:				
shelters	0	2	0	0
tables	11	31	8	247
Historical, archaeological sites:				
museums	0	1	0	0
other	1	1	0	0
Campsites:				
RV <sup>a</sup> , trailer acres	0.0	0.0	3.0	0.0
tent acres	0.0	0.0	0.0	0.0
primitive acres	0.0	0.0	0.0	0.0
Marinas:				
saltwater	0	1	0	1
freshwater	0	0	0	0

Continued

Table R/T 20. Continued.

Facility	Lee	Manatee	Monroe	Pasco
# of areas	71	40	11	37
# of acres:				
total	491 .4	133 .6	253 .4	135 .0
land	490 .4	133 .6	253 .4	135 .0
water	1.0	0.0	0.0	0.0
parking	0.0	0.0	0.5	2.0
developed	133 .4	123 .2	246 .5	125 .9
undeveloped	346 .3	3.5	6.9	9.1
Buildings:				
recreation centers	6	8	4	8
other	3	2	4	6
Playing fields:				
baseball	3	9	1	8
junior baseball	6	1	4	3
softball	6	30	3	6
football	3	0	0	3
Courts:				
tennis	30	14	9	16
basketball	6	5	2	12
shuffleboard	6	62	5	5
handball	2	0	1	6
Hunting acres:				
upland	0.0	0.0	0.0	0.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	0	5	1	2
freshwater	2	2	1	0
Piers:				
saltwater	0	3	1	9
freshwater	1	0	0	1
Beach saltwater:				
footage (lin ft)	510	2,110	4,145	150
area (ft <sup>2</sup> )	12,500	122,050	497,400	10,000
Beach freshwater:				
footage (lin ft)	1,500	0	0	100
area (ft <sup>2</sup> )	15,000	0	0	5,000

Continued

Table R/T 20. Continued.

Facility	Lee	Manatee	Monroe	Pasco
Trails: (tenths of mi)				
hiking	0.0	0.0	0.0	0.0
bicycle	6.0	15.0	0.0	0.0
horseback	0.0	0.0	0.0	1.0
motorbike	0.0	0.0	0.0	0.0
nature	0.5	0.0	0.0	2.0
waterway	0.0	0.0	0.0	0.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	12	11	3	14
Regulation golf holes	0	0	18	0
Swimming pools	4	0	2	2
Picnic sites:				
shelters	0	0	0	0
tables	107	61	18	92
Historical, archaeological sites:				
museums	1	0	0	0
other	4	3	0	2
Campsites:				
RV, trailer acres	0.0	0.0	0.0	0.0
tent acres	0.0	0.0	0.0	0.0
primitive acres	0.0	0.0	0.0	0.0
Marinas:				
saltwater	0	0	0	0
freshwater	1	0	0	0

Continued

Table R/T 20. Continued.

Facility	Pinellas	Sarasota
# of areas	493	21
# of acres:		
total	4,597.0	725.9
land	4,470.9	713.9
water	126.1	12.0
parking	18.3	714.3
developed	4,029.2	11.6
undeveloped	562.2	0.0
Buildings:		
recreation centers	50	2
other	21	12
Playing fields:		
baseball	79	5
junior baseball	66	4
softball	98	6
football	21	2
Courts:		
tennis	174	13
basketball	183	10
shuffleboard	374	2
handball	9	1
Hunting acres:		
upland	0.0	0.0
water	0.0	0.0
Boat ramps:		
saltwater	18	5
freshwater	3	0
Piers:		
saltwater	7	1
freshwater	0	0
Beach saltwater:		
footage (lin ft)	28,570	13,300
area (ft <sup>2</sup> )	1,293,490	1,500,000
Beach freshwater:		
footage (lin ft)	0	0
area (ft <sup>2</sup> )	0	0

Continued

Table R/T 20. Concluded.

Facility	Pinellas	Sarasota
Trails: (tenths of mi)		
hiking	0.0	0.0
bicycle	0.0	1.0
horseback	0.0	0.0
motorbike	0.0	0.0
nature	0.0	0.0
waterway	0.0	0.0
multipurpose	0.0	0.0
Equipped playing areas	133	10
Regulation golf holes	54	45
Swimming pools	15	2
Picnic sites:		
shelters	4	0
tables	253	25
Historical, archaeological sites:		
museums	0	0
other	2	0
Campsites:		
RV, trailer acres	0.0	0.0
tent acres	0.0	30.0
primitive acres	0.0	0.0
Marinas:		
saltwater	183	2
freshwater	0	0

<sup>a</sup> Recreational vehicle.

Table R/T 21. Private<sup>a</sup> recreation and park facility inventory in 1980  
(Florida Department of Natural Resources 1980, Division of Recreation and  
Parks 1980c).

Facility	Charlotte	Collier	DeSoto	Hillsborough
# of areas	34	94	13	94
# of acres:				
total	17,110 .8	13,361 .7	581 .1	3,560 .7
land	17,005 .2	1,191 .2	544 .8	409 .7
water	88 .0	139 .9	16 .0	11 .0
parking	32 .7	527 .2	74 .0	4 .0
developed	1,058 .4	378 .1	298 .0	745 .0
undeveloped	16,073 .0	11,183 .2	73 .0	98 .0
Buildings:				
recreation centers	12	33	2	33
other	39	133	14	65
Playing fields:				
baseball	0	0	0	2
junior . baseball	0	1	0	2
softball	1	0	0	4
football	0	1	0	0
Courts:				
tennis	17	127	2	114
basketball	2	5	2	4
shuffleboard	25	35	1	32
handball	2	6	0	0
Hunting acres:				
upland	15,000 .0	0 .0	0 .0	1 .0
water	0 .0	16,000 .0	0 .0	0 .0
Boat ramps:				
saltwater	12	25	0	3
freshwater	3	2	2	9
Piers:				
saltwater	9	10	0	6
freshwater	2	2	1	4
Beach saltwater:				
footage (lin ft)	500	1,015	5	10
area (ft <sup>2</sup> )	7,000	30,075	25	50
Beach freshwater:				
footage (lin ft)	5	0	0	15
area (ft <sup>2</sup> )	25	0	0	75

Continued

Table R/T 21. Continued.

Facility	Charlotte	Collier	DeSoto	Hillsborough
Trails: (tenths of mi)				
hiking	24.0	38.9	5.0	4.4
bicycle	1.0	11.1	0.0	4.1
horseback	0.0	37.1	0.0	9.6
motorbike	0.0	0.0	0.0	0.0
nature	1.0	2.5	1.0	3.4
waterway	0.0	1.0	1.0	0.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	4	1	1	12
Regulation golf holes	90	353	36	414
Swimming pools	10	21	2	23
Picnic sites:				
shelters	1	3	2	1
tables	259	211	76	823
Historical, archaeological sites:				
museums	1	1	0	6
other	1	3	0	0
Campsites:				
RV <sup>a</sup> trailer acres	73.0	31.7	35.0	25.0
tent acres	54.0	0.5	2.0	3.0
primitive acres	130.0	7.0	5.0	5.0
Marinas:				
saltwater	12	27	0	7
freshwater	1	2	0	2

Continued

Table R/T 21. Continued.

Facility	Lee	Manatee	Monroe	Pasco
# of areas	120	63	152	56
# of acres:				
total	7,404.7	1,640.5	591.0	5,790.0
land	4,106.8	105.0	289.6	1,212.5
water	2,426.8	5.0	0.0	79.5
parking	216.0	0.0	15.3	0.5
developed	1,069.0	10.0	22.2	1,283.5
undeveloped	1,460.0	0.0	0.0	350.0
Buildings:				
recreation centers	52	19	21	30
other	111	58	79	38
Playing fields:				
baseball	1	0	1	9
junior baseball	1	3	0	0
softball	1	0	0	0
football	0	1	0	0
Courts:				
tennis	120	46	76	45
basketball	1	0	8	2
shuffleboard	103	59	46	76
handball	0	4	2	5
Hunting acres:				
upland	18,000.0	0.0	0.0	1,175.0
water	0.0	0.0	0.0	0.0
Boat ramps:				
saltwater	26	9	68	4
freshwater	2	7	3	2
Piers:				
saltwater	14	3	25	3
freshwater	6	0	2	3
Beach saltwater:				
footage (lin ft)	3,015	5	2,526	N.D.
area (ft <sup>2</sup> )	9,575	25	9,230	N.D.
Beach freshwater:				
footage (lin ft)	60	170	200	305
area (ft <sup>2</sup> )	1,300	N.D.	2,000	25,025

Continued

Table R/T 21. Continued.

Facility	Lee	Manatee	Monroe	Pasco
Trails: (tenths of mi)				
hiking	3.2	3.0	0.0	2.6
bicycle	14.7	0.0	12.0	0.0
horseback	30.1	6.0	5.1	0.0
motorbike	0.0	0.0	0.0	0.0
nature	0.0	0.0	1.0	1.5
waterway	32.5	0.0	0.0	1.0
multipurpose	0.0	0.0	0.0	0.0
Equipped playing areas	3	4	16	8
Regulation golf holes	288	243	112	236
Swimming pools	42	18	35	24
Picnic sites:				
shelters	0	0	0	1
tables	3,731	57	3,582	926
Historical, archaeological sites:				
museums	1	3	9	1
other	1	0	4	0
Campsites:				
RV, trailer acres	263.0	23.0	0.0	10.0
tent acres	75.0	0.0	1.0	0.0
primitive acres	175.5	20.0	35.0	2.0
Marinas:				
saltwater	35	14	95	7
freshwater	2	1	1	0

Continued

Table R/T 21. Continued.

Facility	Pinellas	Sarasota
# of areas	173	130
# of acres:		
total	5,668.18	2,857.9
land	2,785.7	2,711.0
water	138.0	30.0
parking	16.6	3.0
developed	4,088.5	789.6
undeveloped	1,375.3	51.5
Buildings:		
recreation centers	62	35
other	312	96
Playing fields:		
baseball	12	0
junior baseball	2	0
softball	3	1
football	0	1
Courts:		
tennis	344	143
basketball	6	9
shuffleboard	110	15
handball	2	5
Hunting acres:		
upland	0.0	15.0
water	0.0	0.0
Boat ramps:		
saltwater	15	4
freshwater	6	2
Piers:		
saltwater	6	3
freshwater	8	1
Beach saltwater:		
footage (lin ft)	170	16
area (ft <sup>2</sup> )	200	75
Beach freshwater:		
footage (lin ft)	200	0
area (ft <sup>2</sup> )	2,000	0

Continued

Table R/T 21. Concluded.

Facility	Pinellas	Sarasota
Trails: (tenths of mi)		
hiking	0.1	6.4
bicycle	0.3	0.0
horseback	1.0	12.5
motorbike	0.0	0.0
nature	0.4	0.1
waterway	178.1	0.0
multipurpose	0.1	0.0
Equipped playing areas	17	6
Regulation golf holes	760	432
Swimming pools	57	27
Picnic sites:		
shelters	0	0
tables	1,879	1,065
Historical, archaeological sites:		
museums	10	4
other	2	1
Campsites:		
RV, trailer acres	5.0	160.1
tent acres	0.0	0.0
primitive acres	20.0	0.0
Marinas:		
saltwater	27	45
freshwater	4	0

<sup>a</sup> Recreational vehicle.

Table R/T 22. Air and auto tourists to Florida for 1976, 1979 and 1980 (Florida Department of Commerce, Division of Tourism ca. 1977b, ca. 1980b, ca. 1981b).

County	1976a			1979			1980b		
	Air	Auto	Total	Air	Auto	Total	Air	Auto	Total
Charlotte	25,957	106,086	132,043	64,295	168,465	232,760	0	60,500	60,500
Collier	149,767	264,248	414,015	277,110	420,575	697,685	167,100	197,000	364,100
DeSoto	0	10,449	10,449	1,800	13,946	15,746	0	0	0
Hillsborough	686,277	2,225,484	2,911,761	829,834	1,162,795	1,992,629	627,600	675,700	1,303,300
Lee	125,970	599,131	725,101	215,663	813,885	1,029,548	144,300	527,400	671,700
Manatee	112,611	504,043	616,654	115,469	422,720	538,189	136,800	229,900	366,700
Monroe	197,565	1,094,035	1,291,600	405,996	492,170	898,166	268,800	291,400	560,200
Pasco	158,371 <sup>c</sup>	329,290 <sup>c</sup>	487,661 <sup>c</sup>	139,673	424,925	564,598	60,600	166,800	227,400
Pinellas	N.D. <sup>a</sup>	N.D.	N.D.	1,150,094	2,263,200	3,413,294	629,700	1,183,500	1,813,200
Sarasota	173,074	859,608	1,032,682	244,624	782,770	1,027,394	312,900	392,900	705,800
Region	1,629,592	5,992,374	7,621,966	3,444,558	6,965,451	10,410,009	2,347,800	3,725,100	6,072,900
Florida	N.D.	N.D.	N.D.	3,494,380	11,024,787	14,519,167	2,347,800	5,810,980	8,158,780

<sup>a</sup> No data prior to 1976.

<sup>b</sup> 1980 data for 1st and 2nd quarters only.

<sup>c</sup> Figures not legible from original source.

Table R/T 23. Number of visitors, visitor characteristics and visitor expenditures in 1976 by survey type<sup>a</sup>  
(Florida Department of Commerce, Division of Tourism ca. 1977a).

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Auto survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough	2,269,142	81.65	235,841,589	23.08	6.73
Lee	N.D.	N.D.	N.D.	N.D.	N.D.
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pinellas <sup>b</sup>	2,204,523	85.7	961,499,899	21.46	18.9
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	4,473,672	167.35	11,973,415	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 23 . Concluded .

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Air survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough	684,565	80.5	140,730,478	39.33	4.98
Lee	N.D.	N.D.	N.D.	N.D.	N.D.
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pinellas <sup>b</sup>	933,216	79.6	114,717,945	31.61	11.1
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	1,617,781	N.D.	255,448,423	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> Air and auto surveys were not conducted prior to 1976 .<sup>b</sup> Figures based on three quarters only; 4th quarter data not available .

Table R/T 24. Number of visitors, visitor characteristics and visitor expenditures in 1979 by survey type (Florida Department of Commerce, Division of Tourism 1980b).

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Auto survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough	1,145,100	78.48	226,660,627	28.06	6.90
Lee	N.D.	N.D.	N.D.	N.D.	N.D.
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pinellas	2,401,100	92.63	980,064,547	25.71	16.48
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	3,546,200	N.D.	1,206,725,174	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 24 . Concluded .

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Air survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough	867,400	83.90	162,233,200	47.68	4.00
Lee	N.D.	N.D.	N.D.	N.D.	N.D.
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pinellas	1,245,200	81.90	429,456,142	39.10	8.45
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	2,112,600	N.D.	591,689,342	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> Data based on three quarters only; fourth quarter data not available.

Table R/T 25. Number of visitors, visitor characteristics and visitor expenditures in 1980 by survey type (Florida Department of Commerce, Division of Tourism ca. 1981b).

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Auto survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough <sup>a</sup>	1,075,013	88.2	386,196,048	28.7	12.5
Lee	357,700	91.2	142,382,485	31.6	12.3
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pinellas <sup>a</sup>	1,642,200	91.5	510,453,438	26.2	13.6
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	3,074,913	N.D.	1,039,031,971	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 25 . Concluded .

County	Number of visitors	% repeat visitors	Total expenditures (\$)	Expenditures per person per day (\$)	Nights spent in county
Air survey					
Charlotte	N.D.	N.D.	N.D.	N.D.	N.D.
Collier	N.D.	N.D.	N.D.	N.D.	N.D.
DeSoto	N.D.	N.D.	N.D.	N.D.	N.D.
Hillsborough <sup>a</sup>	904,950	85.7	200,924,867	54.4	4.0
Lee	N.D.	N.D.	N.D.	N.D.	N.D.
Manatee	N.D.	N.D.	N.D.	N.D.	N.D.
Monroe	N.D.	N.D.	N.D.	N.D.	N.D.
Pasco	N.D.	N.D.	N.D.	N.D.	N.D.
Pineillas <sup>a</sup>	852,750	88.1	267,653,567	44.9	6.6
Sarasota	N.D.	N.D.	N.D.	N.D.	N.D.
Region	1,757,700	N.D.	468,578,434	N.D.	N.D.
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> Figures based on three quarters only; 4th quarter data not available .<sup>b</sup> Figures based on 1st quarter data only .

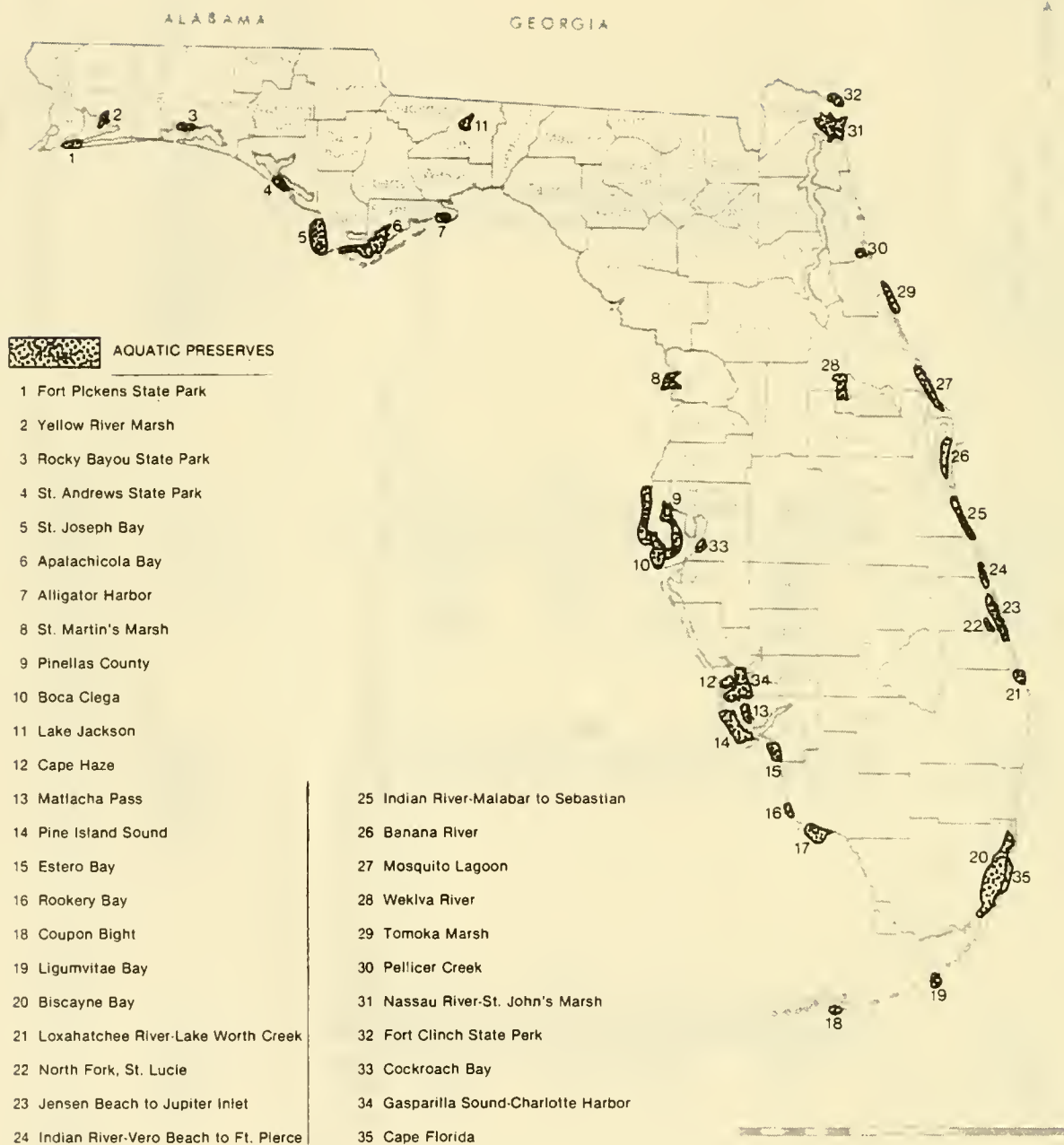


Figure 21. State aquatic preserves (Florida Power and Light Co. 1979).

Table R/T 26 Number of assigned archaeological and historical sites in southwestern Florida as of 4 November 1980 (Florida Department of State, Bureau of Historic Sites and Properties 1980)

County	Number of sites
Charlotte	66
Collier	194
DeSoto	22
Hillsborough	999
Lee	124
Manatee	139
Monroe	1,203
Pasco	56
Pinellas	836
Sarasota	393
Region	4,032
Florida	N. D.

Table R/T 27. Sites in southwestern Florida listed on the National Register (U.S. Department of the Interior, Heritage Conservation and Recreation Service ca. 1979).

County and name of site	Date listed
Collier	
Ted Smallwood Store	24 July 1974
Platte Island	14 December 1978
Seaboard Coast Line Railroad Depot	10 September 1974
C.J. Ostl Site	15 December 1979
Sugar Pot Site	15 December 1978
Ladd Turner River Site	14 December 1978
Halfway Creek Site	15 August 1980
Hillsborough	
Plant City Union Depot	14 April 1975
George Miller House	23 July 1974
Cockroach Key	4 December 1973
Centro Asturiano	24 July 1974
Circulo Cubano de Tampa (Cuban Club)	15 November 1972
El Centro Espanol of West Tampa	30 July 1974
El Pasaje (Cherokee Club)	15 November 1972
Federal Building, U.S. Courthouse, Downtown Postal Station	7 June 1974
Hutchinson House	1 November 1977
Johnson-Wolff House	24 July 1974
Leiman House	9 September 1974
Levick House	30 July 1974
Old School House	4 December 1974
Stovall House	4 September 1974
T.C. Taliaferro House	1 October 1974
Tampa Bay Hotel	5 December 1972
Tampa City Hall	1 October 1974
Tampa Theater and Office Building	3 January 1978
Union Railroad Station	5 June 1974
Ybor City Historic District	28 August 1974
Ybor Factory Building	15 November 1972
Egmont Key	11 December 1978
Fort Foster	13 June 1972
Lee	
Koreshan Unity Settlement Historic District	4 May 1976
Mound Key	12 August 1970
Demere Key	13 June 1972
Pineland Site	27 November 1973
Josslyn Island Site	14 December 1978
Sanibel Lighthouse and Keeper's Quarters	1 October 1974

Continued

Table R/T 27. Continued.

County and name of site	Date listed
Charlotte Harbor and Northern Railway Depot	13 December 1979
Boca Grande Lighthouse	28 February 1980
Manatee	
Manatee County Courthouse (Original)	29 June 1976
DeSoto National Memorial	15 October 1966
Robert Gamble House (Judah P. Benjamin Memorial)	12 August 1970
Madira Bickel Mounds	12 August 1970
Monroe	
San Jose Shipwreck Site	2 January 1974
Fort Jefferson National Monument	10 November 1970
John Pennekamp Coral Reef State Park and Reserve	14 April 1972
Rock Mound Archaeological Site	1 July 1975
The Armory	11 March 1971
Fort Zachary Taylor	11 March 1971
Eduardo H. Gato House	11 April 1973
Ernest Hemingway House	24 November 1968
Key West Historic District	11 March 1971
Little White House	N.D.
Martello Gallery, Key West Art and Historical Museum	19 June 1972
Old Post Office and Customs House	20 September 1973
Dr. Joseph Y. Porter House	4 June 1973
U.S. Coast Guard Headquarters, Key West Station	15 October 1973
Sand Key Lighthouse	11 April 1973
Indian Key	19 June 1972
Overseas Highway and Railway Bridges (Long Key Bridge, Knight Key Bridges, Old Bahia Honda Bridge)	13 August 1979
Pinellas	
Andrews Memorial Chapel	31 July 1972
Safety Harbor Site	15 October 1966
U.S. Post Office	4 April 1975
Vinoy Park Hotel	11 September 1978
Weeden (Weedon) Island Site	13 June 1972
John C. Williams House (Manhattan Hotel)	24 April 1975
Don Caesar Hotel	3 April 1975
Fort DeSoto Batteries	2 December 1977

Continued

Table R/T 27. Concluded.

County and name of site	Date listed
Safford House	16 October 1974
Tarpon Springs Sponge Exchange	24 July 1972
Louis Ducros House	2 July 1979
South Ward School	18 June 1979
J.O. Douglas House	29 November 1979
Donald Roebling Estate	19 December 1979
Belleview-Biltmore House	26 December 1979
Casa Coe da Sol	17 July 1980
St. Petersburg Lawn Bowling Club	9 July 1980
Cleveland Street Post Office	7 August 1980
Sarasota	
Osprey Archaeological and Historic Site	16 April 1975
Warm Mineral Springs	28 November 1977
Little Salt Springs	10 July 1979

Table R/T 28. Recreational properties under the jurisdiction of the Florida Department of Natural Resources 1980 (Florida Department of Natural Resources, Division of Recreation and Parks 1980b).

Location and name of site	Acres		Type of facility	Operational status
	Upland	Submerged		
Charlotte County Port Charlotte Beach State Recreation Area	212	0	Recreational	In reserve <sup>a</sup>
Collier County Barefoot Beach State Preserve	156	0	Preserve	In reserve
Collier-Seminole State Park	6,423	0	Park	Operational Partly developed
Delnor-Wiggins Pass State Recreation Area	166	0	Recreational	Operational Partly developed
Fakahatchee Strand State Preserve	44,612	0	Preserve	Transitional: under Interim management
Hillsborough County Hillsborough River State Park	2,994	0	Park	Optimal
Little Manatee River State Recreation Area	1,637	0	Recreational	In reserve
Ybor City State Museum	91	0	Museum	Under construction
Lee County Caloosahatchee River State Recreation Area	718	0	Recreational	In reserve

Continued

Table R/T 28. Continued.

Location and name of site	Acres		Type of facility	Operational status
	Upland	Submerged		
Lee County				
Koreshan State Historic Site	156	0	Historic	Operational Partly developed
Mound Key State Archeological Site	149	0	Archeological	In reserve
Sanibel Island State Botannical Site	186	0	Botannical	Planned for disposal
Cayo Costa State Preserve	1,052	0	Preserve	In reserve
Manatee County				
Judah P. Benjamin Confederate Memorial	15	0	Historic	Operational Partly developed
Lake Manatee State Recreation Area	555	0	Recreational	Operational Partly developed
Madira Bickel Mound State Archeological Site	10	0	Archeological	Optimal Operational Partly developed
Myakka River State Park	28,875	0	Park	
Monroe County				
Bahia Honda State Recreational Area	276	0	Recreational	Optimal
Fort Zachary Taylor State Historic Site	51	0	Historic	Under formal design Operational
Lignumvitae Key State Botannical Site	478	100	Botannical	Partly developed Operational
Long Key State Recreation Area	849	116	Recreational	Partly developed

Continued

Table R/T 28 . Continued .

Location and name of site	Acres		Type of facility	Operational status
	Upland	Submerged		
Monroe County				
State Museum at Key West (name undecided)	4	0	Museum	In reserve
Indian Key State Historic Site	17	97	Historic	Under construction
John Pennekamp Coral Reef State Park	2,339	52,726	Park	Operational Partly developed
Pasco County				
Anclote Key State Preserve	195	0	Preserve	In reserve
Pinellas County				
Anclote Key State Preserve				
Caladesi Island State Park	607	1,104	Park	Operational Partly developed
Honeymoon Island State Recreation Area	313	1,819	Recreational	Under formal design
Weedon Island State Preserve	602	24	Preserve	Partly developed
Continued				

Table R/T 28. Concluded.

Location and name of site	Acres		Type of facility	Operational status
	Upland	Submerged		
Sarasota County Oscar Scherer State Recreation Area	461	0	Recreational	Optimal

- <sup>a</sup> Being held for future use pending sufficient increase in need or other conducive circumstances.  
<sup>b</sup> Includes Sarasota County.  
<sup>c</sup> Includes Pinellas County.  
<sup>d</sup> See Pasco County, Anclote Key State Preserve.

Table R/T 29. Visitor utilization of recreational properties under the jurisdiction of the Florida Department of Natural Resources for fiscal years 1965-66, 1970-71, 1974-75 and 1979-80 (Florida Department of Natural Resources, Division of Recreation and Parks 1980a).

Location and name of site	Number of visitors			
	1965-66	1970-71	1974-75	1979-80
Charlotte County				
Port Charlotte Beach State Recreation Area	N.A.	N.A.	N.A.	N.A.
Collier County				
Barefoot Beach State Preserve	N.A.	N.A.	N.A.	N.A.
Collier-Seminole State Park	122,434	70,698	99,104	52,367 <sup>a</sup>
Delnor-Wiggins Pass State Recreation Area	N.A.	N.A.	N.A.	464,001 <sup>b</sup>
Fakahatchee Strand State Preserve	N.A.	N.A.	N.A.	N.A.
Hillsborough County				
Hillsborough River State Park	327,184	251,049	194,873	240,941 <sup>b</sup>
Little Manatee River State Recreation Area	N.A.	N.A.	N.A.	N.A.
Ybor City State Museum	N.A.	N.A.	N.A.	N.A.
Lee County				
Caloosahatchee River State Recreation Area	N.A.	N.A.	N.A.	N.A.

Continued

Table R/T 29. Continued.

Location and name of site	Number of visitors		
	1965-66	1970-71	1974-75 1979-80
Lee County			
Caloosahatchee River State Recreation Area	N.A. 1,185	N.A. 47,773	N.A. 48,196
Koreshan State Historic Site Mound Key State Archeological Site	N.A.	N.A.	N.A.
Sanibel Island State Botanical Site	N.A.	N.A.	N.A.
Cayo Costa State Preserve	N.A.	N.A.	N.A.
Manatee County			
Judah P. Benjamin Confederate Memorial	17,399	47,034	55,268
Lake Manatee State Recreation Area	N.A.	N.A.	N.A.
Madira Bickel Mound State Archeological Site	N.A.	3,122	4,212
Myakka River State Park	168,343	199,011	162,710
Monroe County			
Bahia Honda State Recreational Area	155,390	844,746	295,971
Fort Zachary Taylor State Historic Site	N.A.	N.A.	N.A.
Lignumvitae Key State Botanical Site	N.A.	N.A.	N.A.
Long Key State Recreation Area	N.A.	115,376	111,333
			120,483 <sup>b</sup>

Continued

Table R/T 29. Continued.

Location and name of site	Number of visitors		
	1965-66	1970-71	1974-75 1979-80
Monroe County (continued)			
Long Key State Recreation Area	N.A.	115,376	111,333 120,483 <sup>b</sup>
State Museum at Key West (name undecided)	N.A.	N.A.	N.A. N.A.
Indian Key State Historic Site	N.A.	N.A.	N.A. N.A.
John Pennkamp Coral Reef State Park	255,152	349,373	343,484 398,682 <sup>b</sup>
Pasco County			
Anclole Key State Preserve	N.A.	N.A.	N.A. N.A.
Pinellas County			
Anclole Key State Preserve			
Caladesi Island State Park	N.A.	11,513	60,938 112,689 <sup>a</sup>
Honeymoon Island State Recreation Area	N.A.	N.A.	N.A. N.A.
Weedon Island State Preserve	N.A.	N.A.	N.A. N.A.

Continued

Table R/T 29 . Concluded .

Location and name of site	Number of visitors		
	1965-66	1970-71	1974-75 1979-80
Sarasota County Oscar Scherer State Recreation Area	11,834	126,504	127,126 108,257 <sup>a</sup>

- <sup>a</sup> Seasonal sample counts .  
<sup>b</sup> Actual year-round full time entrance station figures .  
<sup>c</sup> See Pasco County, Anclote Key State Preserve .

Table R/T 30. Florida boat registrations by type of vessel in FY 1965-66<sup>a</sup>  
 (Florida Department of Natural Resources, Division of Administration 1980).

County	Commercial	Pleasure	Total
Charlotte	282	1,248	1,530
Collier	791	1,670	2,461
DeSoto	10	232	242
Hillsborough	1,123	9,568	10,691
Lee	1,703	4,106	5,809
Manatee	496	2,790	3,286
Monroe	2,856	2,407	5,263
Pasco	233	1,215	1,448
Pinellas	1,924	9,806	11,730
Sarasota	563	4,566	5,129
Region	9,981	37,608	47,589
Florida	32,927	136,706	169, 633

<sup>a</sup> Registration of boats in Florida began in 1959. No data prior to 1965.

Table R/T 31. Florida boat registrations by type of vessel in FY 1970-71  
(Florida Department of Natural Resources, Division of Administration 1980).

County	Commercial	Pleasure	Total
Charlotte	243	1,687	1,930
Collier	769	3,631	4,400
DeSoto	4	361	365
Hillsborough	730	12,635	13,365
Lee	1,490	6,874	8,364
Manatee	339	3,784	4,123
Monroe	2,657	4,083	6,740
Pasco	284	2,402	2,686
Pinellas	1,270	13,928	15,198
Sarasota	545	7,388	7,933
Region	8,331	56,773	65,104
Florida	27,197	206,896	234,093 <sup>a</sup>

<sup>a</sup> Includes 1,200 documented pleasure yachts.

Table R/T 32. Florida boat registrations by type of vessel in FY 1975-76  
(Florida Department of Natural Resources, Division of Administration 1980).

County	Commercial	Pleasure	Total
Charlotte	229	4,431	4,660
Collier	785	6,574	7,359
DeSoto	32	822	854
Hillsborough	692	25,257	25,970
Lee	1,456	13,427	14,883
Manatee	243	7,431	7,674
Monroe	2,873	7,217	10,090
Pasco	235	6,751	6,986
Pinellas	1,233	24,070	25,303
Sarasota	413	11,328	11,741
Region	8,191	107,308	115,520
Florida	26,784	390,681	436,348 <sup>a</sup>

<sup>a</sup> Includes 18,883 registered boats which did not appear on county listings due to Department of Natural Resources computer problems.

Table R/T 33. Florida boat registrations by type of vessel in FY 1978-79  
(Florida Department of Natural Resources, Division of Administration 1980).

County	Commercial	Pleasure	Total
Charlotte	133	6,276	6,409
Collier	589	8,308	8,897
DeSoto	10	972	982
Hillsborough	544	28,009	28,553
Lee	1,224	17,429	18,653
Manatee	230	8,835	9,065
Monroe	2,645	8,932	11,577
Pasco	202	7,710	7,912
Pinellas	985	28,186	29,171
Sarasota	359	12,893	13,252
Region	6,921	127,550	134,471
Florida	20,477	453,500	480,953 <sup>a</sup>

<sup>a</sup> Includes 2,535 state, county and city-owned boats and 4,441 miscellaneous boats.

Table R/T 34. Leading metropolitan markets for outboard motors in 1978 and 1979  
(Boating Industry, The Boating Business, 1979).

City	Estimated unit sales		Estimated motors owned 31 Dec. 1979
	1978	1979	
Minneapolis-St. Paul, MN	14,300	10,300	224,000
Chicago, IL	8,500	6,700	171,000
Detroit, MI	7,700	6,400	139,000
Nassau-Suffolk, NY	8,800	6,200	173,000
Dallas-Fort Worth, TX	6,000	5,800	127,000
Houston, TX	6,100	5,800	131,000
Seattle-Everett, WA	5,400	5,300	92,000
Tampa-St. Petersburg, FL	5,500	5,200	108,000
Milwaukee, WI	6,400	4,900	131,000
Los Angeles-Long Beach, CA	3,800	4,100	89,000
Philadelphia, PA	4,000	3,900	72,000
New Orleans, LA	4,500	3,900	88,000
Miami, FL	4,500	3,300	84,000
Baltimore, MD	4,000	3,100	76,000
New York, NY	3,200	3,100	75,000
St. Louis, MO	2,400	2,900	69,000
Atlanta, GA	3,600	2,800	53,000
Pittsburg, PA	1,900	2,800	37,000
San Francisco-Oakland, CA	3,300	2,600	64,000
Boston, MA	3,100	2,600	80,000
Kansas, City, MO	2,600	2,600	52,000
District of Columbia	3,300	2,500	55,000
Oklahoma City, OK	2,700	2,500	38,000
Phoenix, AZ	2,400	2,500	42,000
Portland, OR	2,300	2,500	47,000
Jacksonville, FL	3,300	2,400	53,000
Orlando, FL	2,500	2,400	45,000
Fort Myers, FL	2,200	2,200	33,000
Tulsa, OK	2,500	2,100	44,000
W. Palm Beach-Boca Raton, FL	1,600	2,000	29,000
Duluth-Superior, MN	2,800	1,900	48,000
Indianapolis, IN	1,900	1,900	41,000
Charleston, SC	2,300	1,800	37,000

Continued

Table R/T 34. Concluded.

City	Estimated unit sales		Estimated motors owned
	1978	1979	31 Dec. 1979
Fort Lauderdale-Hollywood, FL	2,100	1,800	45,000
Memphis, TN	2,300	1,700	49,000
Knoxville, TN	1,900	1,700	29,000
San Antonio, TX	1,800	1,700	29,000
Cleveland, OH	2,300	1,600	42,000
Mobile, AL	2,300	1,600	33,000
Birmingham, AL	1,800	1,500	41,000
Baton Rouge, LA	2,700	1,400	44,000
Shreveport, LA	2,100	1,400	41,000
Buffalo, NY	2,000	1,400	39,000
Flint, MI	1,600	1,400	32,000
Norfolk-Va. Beach- Portsmouth, VA	2,000	1,300	31,000
Little Rock, AR	1,800	1,300	34,000
Louisville, KY	1,800	1,300	31,000
Grand Rapids, MI	1,700	1,200	28,000
Lake Charles, LA	1,700	1,000	19,000
Pensacola, FL	2,400	1,000	31,000

Table R/T 35. Hunting and fishing licenses sold by series in FY 1954-55 (Florida Game and Fresh Water Fish Commission 1980a, 1980b).

County	Resident statewide fishing	Non-resident statewide fishing	Non-resident 14-day statewide fishing	Resident county hunting
Charlotte	476	49	102	173
Collier	1,323	10	358	521
DeSoto	1,315	10	74	478
Hillsborough	18,270	61	474	2,459
Lee	3,064	60	387	442
Manatee	3,602	62	300	616
Monroe	22	2	6	48
Pasco	4,954	59	416	748
Pinellas	9,904	189	1,857	554
Sarasota	3,217	25	429	399
Region	46,147	527	4,403	6,438
Florida	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 35 . Concluded .

County	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting
Charlotte	171	7	55
Collier	343	1	8
DeSoto	286	3	3
Hillsborough	4,166	1	27
Lee	666	3	23
Manatee	558	1	8
Monroe	48	0	0
Pasco	816	1	6
Pinellas	1,856	3	18
Sarasota	635	1	6
Region	9,545	21	154
Florida	N.D.	N.D.	N.D.

Table R/T 36. Hunting and fishing licenses sold by series in FY 1959-60 (Florida Game and Fresh Water Fish Commission 1980a, 1980b).

County	Resident statewide fishing	Non-resident statewide fishing	14-day statewide fishing	Non-resident statewide fishing	Resident county hunting
Charlotte	1,318	73		109	248
Collier	2,708	49		387	717
DeSoto	1,623	26		67	696
Hillsborough	24,460	73		288	2,650
Lee	7,379	213		809	419
Manatee	3,996	31		130	958
Monroe	38	0		0	11
Pasco	5,579	54		235	827
Pinellas	12,949	149		610	683
Sarasota	4,645	25		237	735
Region	64,695	693		2,872	7,944
Florida	N.D.	N.D.		N.D.	N.D.

Continued

Table R/T 36 - Concluded .

County	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting
Charlotte	403	6	94
Collier	422	1	12
DeSoto	454	5	19
Hillsborough	6,251	2	23
Lee	1,019	11	19
Manatee	806	1	11
Monroe	52	0	0
Pasco	1,245	1	3
Pinellas	3,269	5	20
Sarasota	1,137	2	11
Region	15,058	34	212
Florida	N.D.	N.D.	N.D.

Table R/T 37. Hunting and fishing licenses sold by series in FY 1964-65 (Florida Game and Fresh Water Fish Commission 1980a, 1980b).

County	Resident statewide fishing	Non-resident statewide fishing	Non-resident 14-day statewide fishing	Non-resident 5-day statewide fishing
Charlotte	843	93	64	75
Collier	1,546	23	98	166
DeSoto	1,193	27	43	41
Hillsborough	25,963	97	258	514
Lee	4,763	460	446	452
Manatee	3,846	66	89	178
Monroe	35	0	0	2
Pasco	5,686	135	278	402
Pinellas	11,716	206	497	800
Sarasota	3,933	108	244	339
Region	59,524	1,215	2,017	2,969
Florida	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 37 . Concluded .

County	Private hunting preserve	Resident county hunting	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting
Charlotte	0	254	513	8	112
Collier	0	1,506	579	4	15
DeSoto	0	417	562	0	14
Hillsborough	16	2,447	8,301	2	22
Lee	16	606	1,911	8	14
Manatee	16	979	1,105	1	3
Monroe	16	47	133	0	0
Pasco	2	763	1,648	1	10
Pinellas	2	893	4,551	3	17
Sarasota	6	716	1,438	4	29
Region	74	8,628	20,741	31	236
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Table R/T 38. Hunting and fishing licenses sold by series in FY 1969-70 (Florida Game and Fresh Water Fish Commission 1980a, 1980b) .

County	Resident statewide fishing	Non-resident statewide fishing	Non-resident 14-day statewide fishing	Non-resident 5-day statewide fishing
Charlotte	1,214	185	181	199
Collier	3,862	215	556	811
DeSoto	1,903	39	55	77
Hillsborough	27,304	130	368	814
Lee	5,849	419	401	494
Manatee	5,127	134	129	233
Monroe	43	0	0	2
Pasco	6,695	261	351	466
Pinellas	12,139	295	590	792
Sarasota	4,673	221	374	557
Region	68,809	1,899	3,005	4,445
Florida	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 38 . Concluded .

County	Private hunting preserve	Resident county hunting	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting
Charlotte	0	232	428	22	111
Collier	10	1,543	598	4	16
DeSoto	0	341	487	2	17
Hillsborough	0	1,378	10,299	6	29
Lee	7	520	1,849	8	18
Manatee	0	702	1,119	2	5
Monroe	0	0	176	0	0
Pasco	0	612	2,066	6	21
Pinellas	0	695	5,587	9	23
Sarasota	0	585	1,438	13	23
Region	17	6,608	24,047	72	263
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Table R/T 39. Hunting and fishing licenses sold by series in FY 1974-75 (Florida Game and Fresh Water Fish Commission 1980a, 1980b).

County	Resident statewide fishing	Non-resident statewide fishing	Non-resident 14-day statewide fishing	Non-resident 5-day statewide fishing
Charlotte	1,906	233	196	242
Collier	4,091	219	335	594
DeSoto	2,526	105	93	109
Hillsborough	38,886	345	811	1,449
Lee	6,509	525	333	457
Manatee	6,420	197	180	333
Monroe	52	0	0	0
Pasco	9,631	550	413	563
Pinellas	15,956	527	922	1,178
Sarasota	4,326	209	207	275
Region	90,303	2,910	3,490	5,200
Florida	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 39 - Concluded -

County	Private hunting preserve	Resident county hunting	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting
Charlotte	0	0	0	0	10
Collier	0	169	615	10	17
DeSoto	0	1,530	766	7	0
Hillsborough	0	280	478	0	5
Lee	1	884	10,501	5	4
Manatee	0	503	2,059	4	3
Monroe	0	0	157	0	0
Pasco	0	465	2,615	5	5
Pinellas	0	116	5,145	5	5
Sarasota	0	361	959	20	20
Region	1	4,308	23,295	56	69
Florida	N.D.	N.D.	N.D.	N.D.	N.D.

Table R/T 40 - Hunting and fishing licenses sold by series in FY 1979-80 (Florida Game and Fresh Water Fish Commission 1980a, 1980b) .

County	Resident statewide fishing	Non-resident statewide fishing	Resident 12-month statewide fishing	Non-resident 14-day statewide fishing
Charlotte	941	408	754	102
Collier	2,225	470	1,896	343
DeSoto	1,678	171	442	73
Hillsborough	23,105	620	4,677	324
Lee	3,469	1,287	3,093	360
Manatee	3,351	221	1,647	108
Monroe	78	18	0	0
Pasco	4,492	848	3,017	323
Pinellas	6,885	778	4,970	492
Sarasota	3,043	239	2,088	209
Region	49,267	5,060	22,584	2,334
Florida	N.D.	N.D.	N.D.	N.D.

Continued

Table R/T 40 . Continued .

County	Non-resident 5-day statewide fishing	Resident hunting and fishing	Private hunting preserve	Resident county hunting
Charlotte	163	688	0	125
Collier	619	1,133	0	1,034
DeSoto	49	509	0	199
Hillsborough	708	2,739	0	411
Lee	569	1,571	0	428
Manatee	213	999	1	319
Monroe	0	122	0	40
Pasco	443	1,714	0	291
Pinellas	972	2,209	0	29
Sarasota	371	1,254	0	397
Region	4,107	12,938	1	3,273
Florida	N.D.	N.D.	N.D.	N.D.

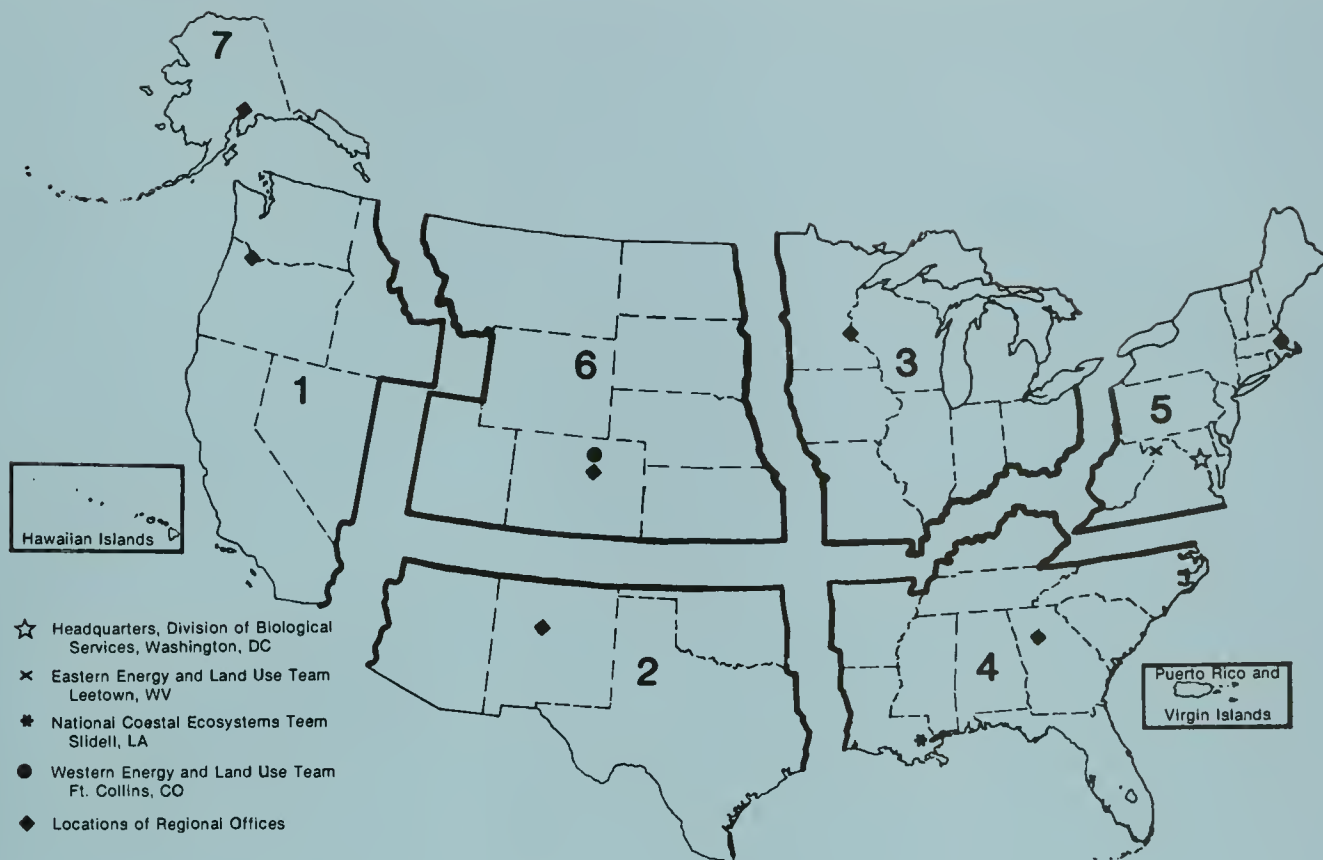
Continued

Table R/T 40 . Concluded .

County	Resident statewide hunting	Non-resident statewide hunting	Non-resident 10-day hunting	Resident county trapping
Charlotte	636	18	84	2
Collier	723	8	292	9
DeSoto	390	2	17	8
Hillsborough	9,525	5	497	2
Lee	1,678	9	219	14
Manatee	1,022	3	119	1
Monroe	279	0	77	0
Pasco	2,368	1	109	5
Pinellas	4,678	8	443	1
Sarasota	1,259	8	167	5
Region	22,558	62	2,024	47
Florida	N.D.	N.D.	N.D.	N.D.

\* U.S. GOVERNMENT PRINTING OFFICE: 1983-769-626





## REGION 1

Regional Director  
U.S. Fish and Wildlife Service  
Lloyd Five Hundred Building, Suite 1692  
500 N.E. Multnomah Street  
Portland, Oregon 97232

## REGION 2

Regional Director  
U.S. Fish and Wildlife Service  
P.O. Box 1306  
Albuquerque, New Mexico 87103

## REGION 3

Regional Director  
U.S. Fish and Wildlife Service  
Federal Building, Fort Snelling  
Twin Cities, Minnesota 55111

## REGION 4

Regional Director  
U.S. Fish and Wildlife Service  
Richard B. Russell Building  
75 Spring Street, S.W.  
Atlanta, Georgia 30303

## REGION 5

Regional Director  
U.S. Fish and Wildlife Service  
One Gateway Center  
Newton Corner, Massachusetts 02158

## REGION 6

Regional Director  
U.S. Fish and Wildlife Service  
P.O. Box 25486  
Denver Federal Center  
Denver, Colorado 80225

## REGION 7

Regional Director  
U.S. Fish and Wildlife Service  
1011 E. Tudor Road  
Anchorage, Alaska 99503



## **DEPARTMENT OF THE INTERIOR**

### **U.S. FISH AND WILDLIFE SERVICE**



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities, and for people who live in island territories under U.S. administration.